

Ryan Stack AAS Architectural Technology

Sunny Orange Architecture

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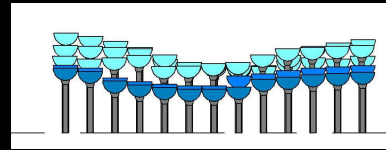
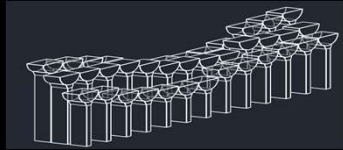
- Sustainability House
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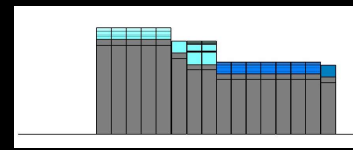
- High Rise Fitness Center
- Cultural Bridge Center



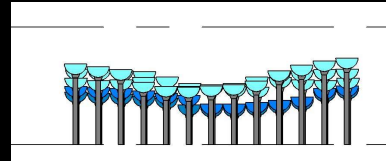
Little Island Pier 55 Case Study- Visualization



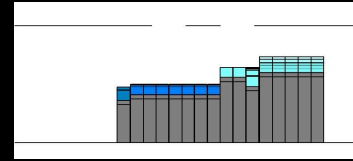
North Elevations



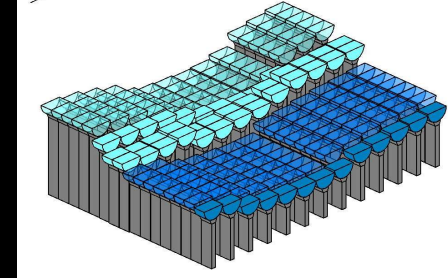
East Elevations



South Elevations



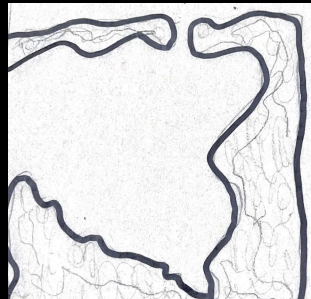
West Elevations



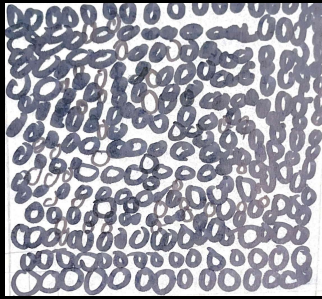
3D Rendering



Legend



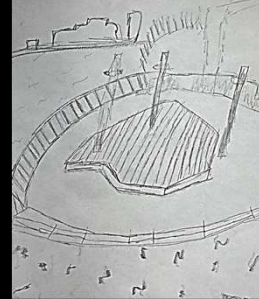
Land Scape



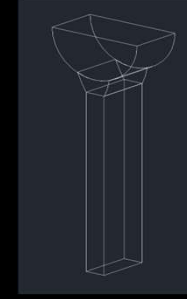
Piers



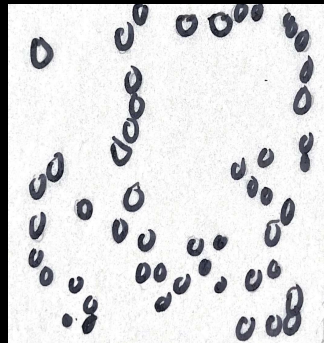
Parti Diagram



Interior Sketches



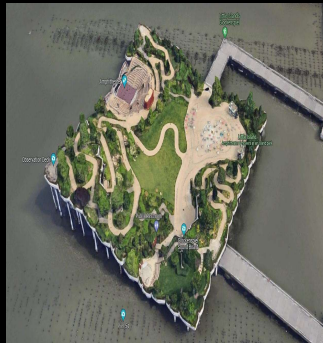
Example Pier



Tree Line



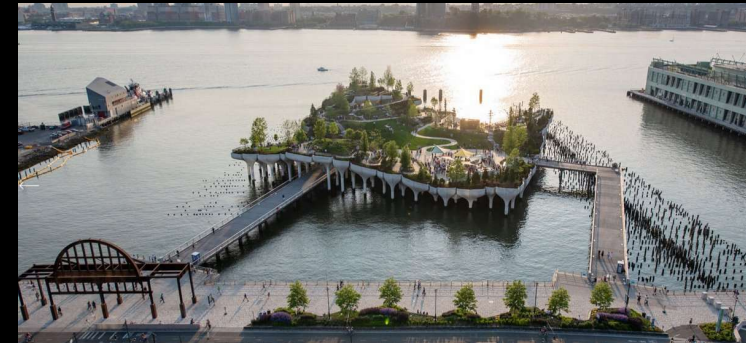
Walk Path



Program

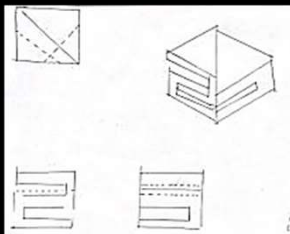
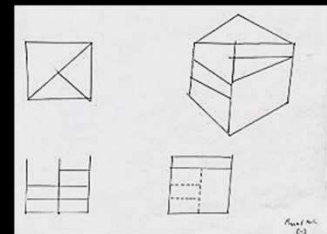


Interior Sketches



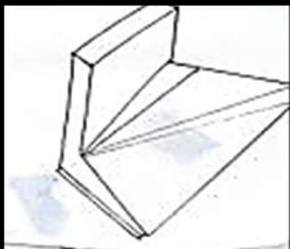
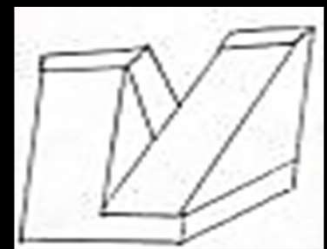
Each Pier is different in every shape/form. There is a total of 132 Tulip Shaped piers. That are made of pre-cast concrete.

Sketches- Visualization



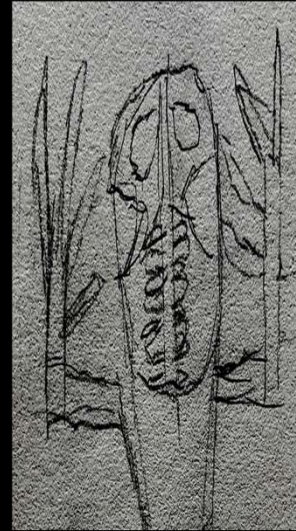
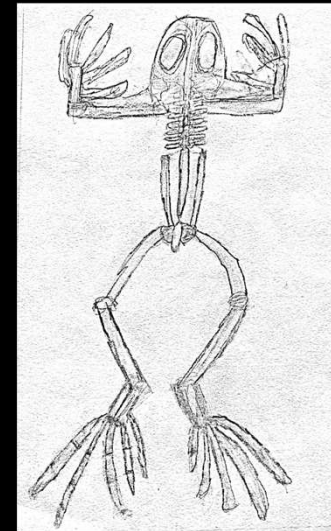
Project Objective: In this project we had to sketch a series of C-4 drawings isometrically

Project Objective: In this project we had to sketch skeleton of what we thought was interesting in the bio labs.



Soultion: I tried my best when sketching as I am not the best.

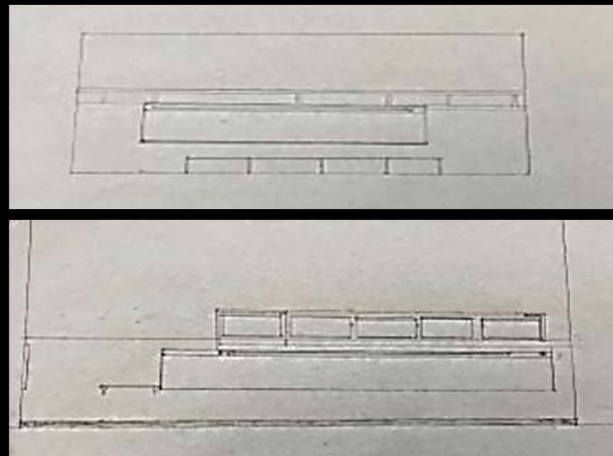
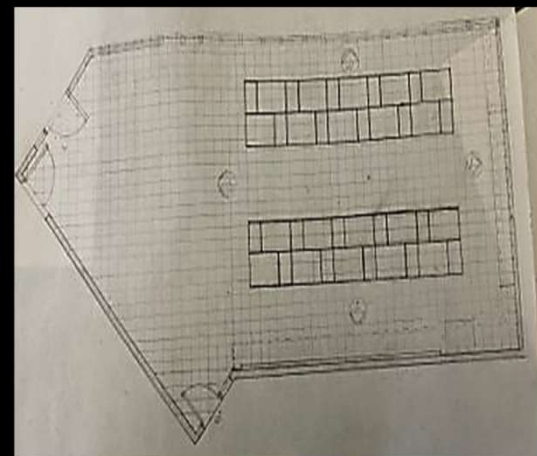
Soultion: Shading and having a good tonal sketch was my main goal.



Floor Plan of the Studio

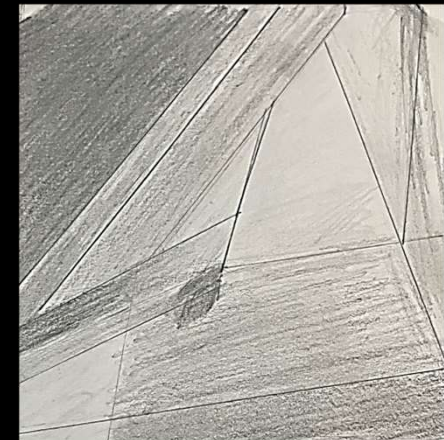
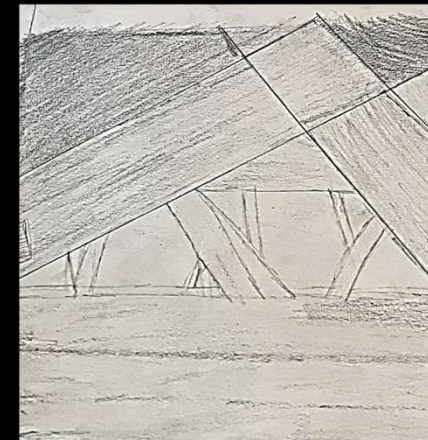
2 Elevations of the Studio

2 Sketches of a Frog
Denver Art Museum



Project Objective: We had to Sketch our Classroom along with 2 Elevations

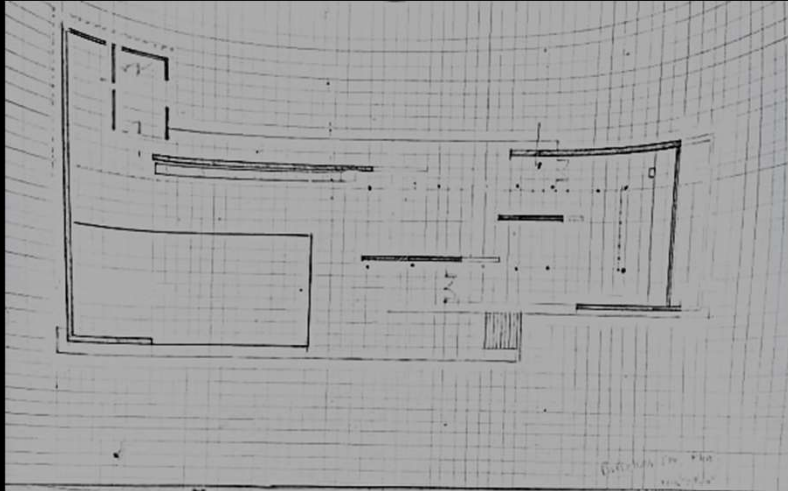
Soultion: Trying my hardest I tried to sketch as best I could



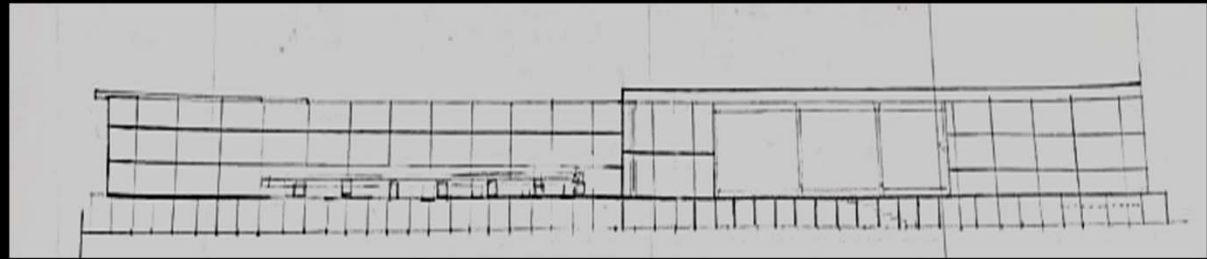
Project Objective: We had to pick a view from the Denver Art Museum and try our best to sketch it.

Soultion: I tried my best when sketching.

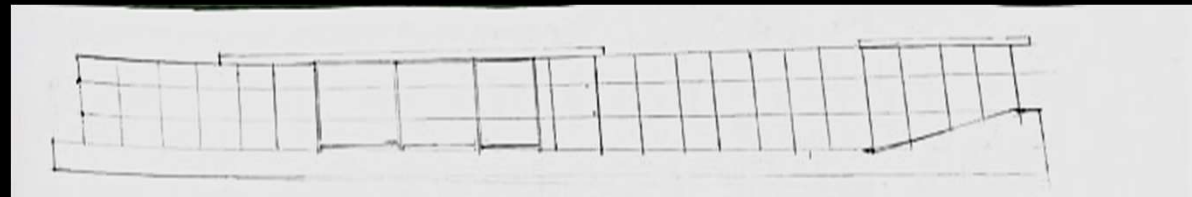
Barcelona Pavilion- Visualización



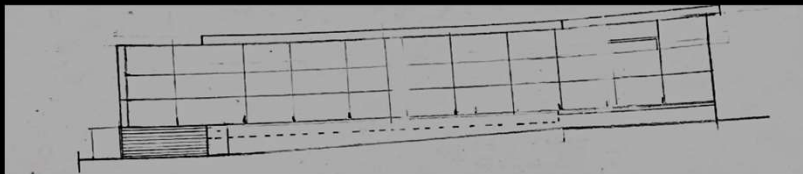
Floor Plan of the Barcelona Pavilion



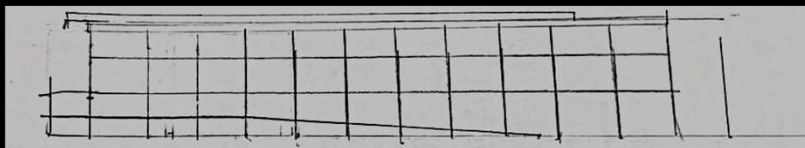
Front Elevations



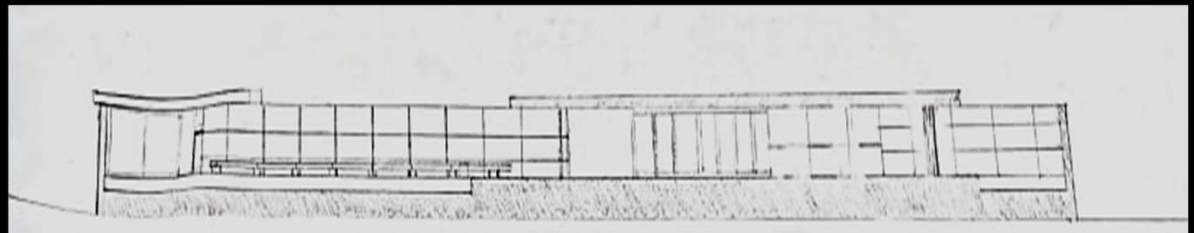
Rear Elevation



Right Side



Left Side



Long Section

CAD 101 & 102

Cad 101

- Final Project- The whole semester was to draft a plan, elevations & sections for a provided site plan that was given by the professor that had an existing house and garage.

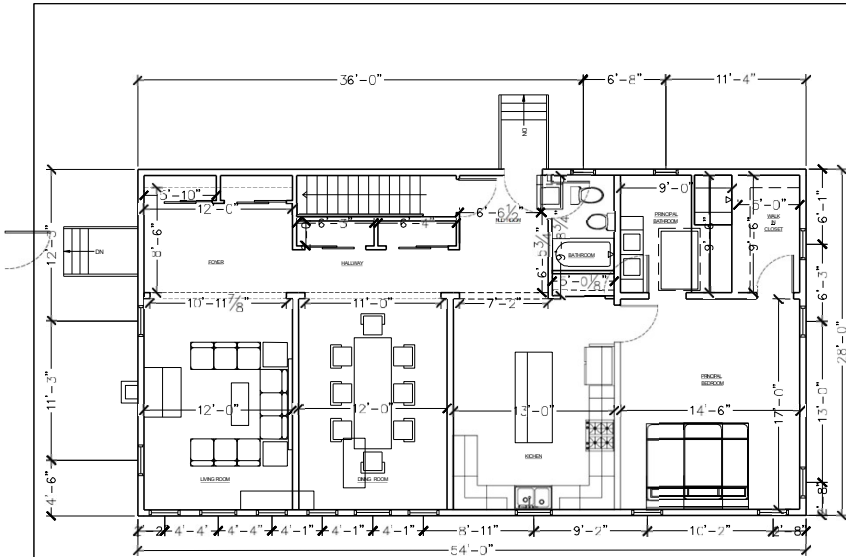
Cad 102

- Provided a Site Plan then was asked to make it in SketchUp then to Revit
- Wall Section in Sketchup
- Final-Log Cabin

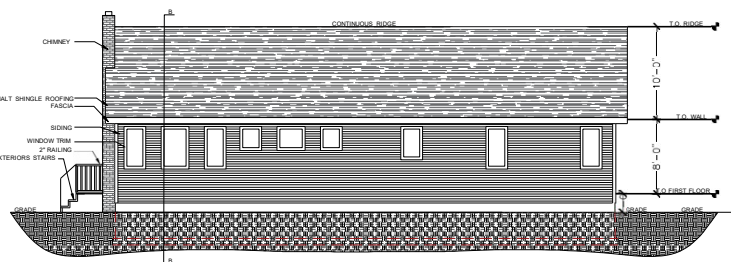


SUNY Orange
115 South Street
Middletown, NY
SUBMITTED BY:
RYAN STACK
SUBMITTED TO:
PROF. FREESTONE
CAD101
FALL 2022

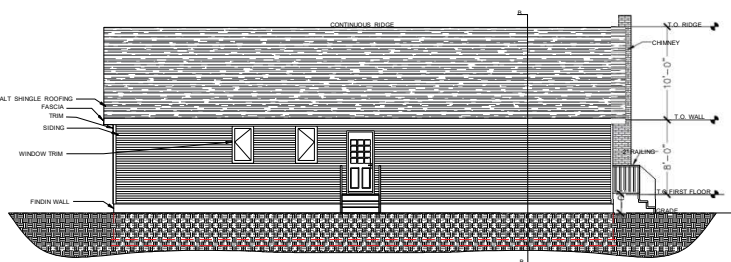
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DESCRIPTION: FINAL PROJECT
DRAWING TITLE:
GENERAL NOTES, SITE PLAN, RENDERING
REVISION: RYAN STACK
DATE: 10/10/22
PAGE NUMBER: 1 OF 3
A-2



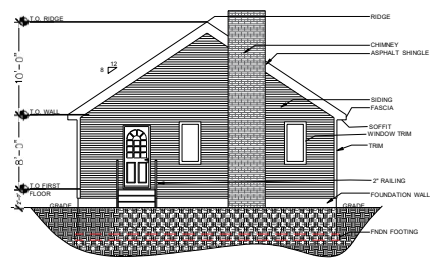
FIRST FLOOR PLAN
Scale: 1/8"=1'-0"



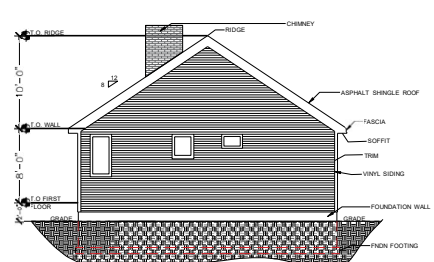
SECTION B-B
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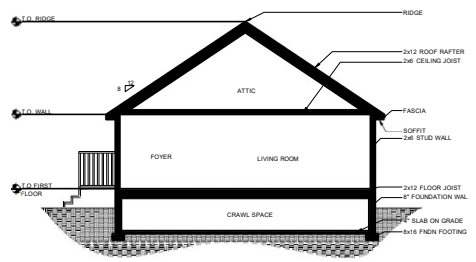
SECTION B-B
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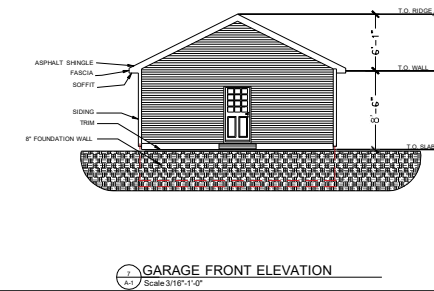
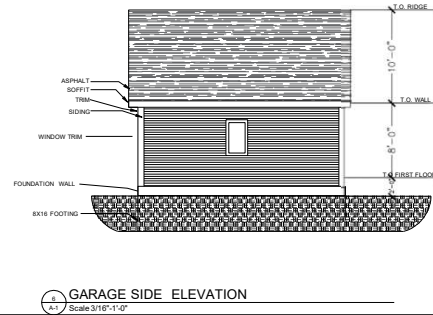
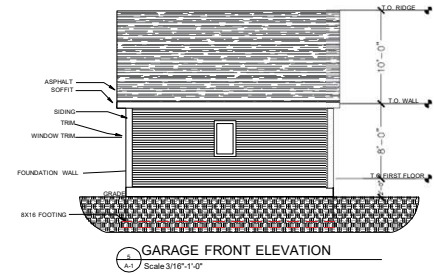
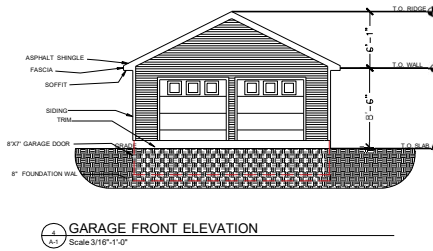
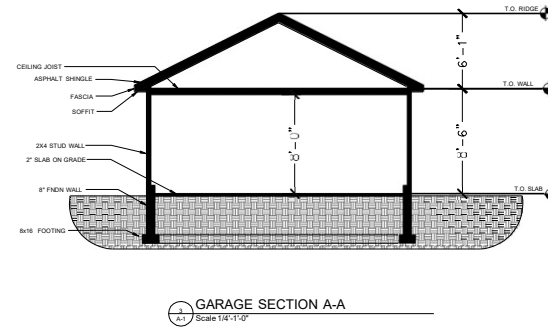
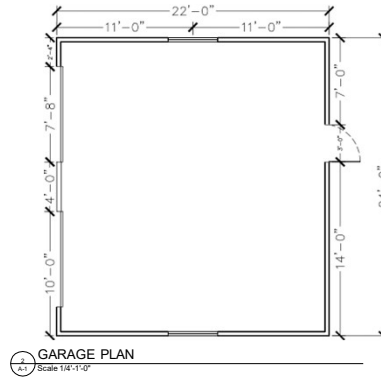
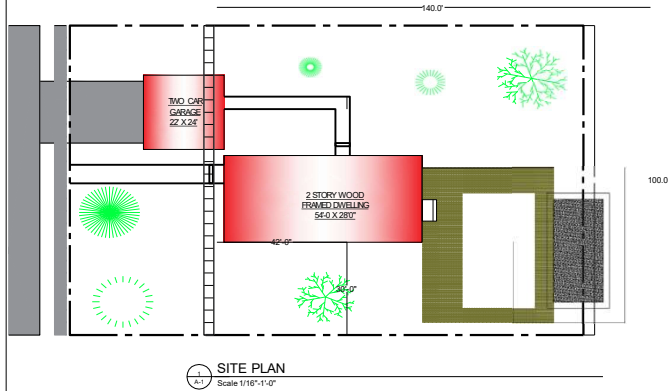
FRONT ELEVATION
Scale: 1/8"=1'-0"



REAR ELEVATION
Scale: 1/8"=1'-0"



SECTION B-B
Scale: 1/8"=1'-0"



SUNY Orange
115 South Street
Middletown, NY
SUBMITTED BY:
RYAN STACK
SUBMITTED TO:
PROF. FREESTONE
CAD101
FALL 2022

#	DATE	DESCRIPTION
1		FINAL PROJECT

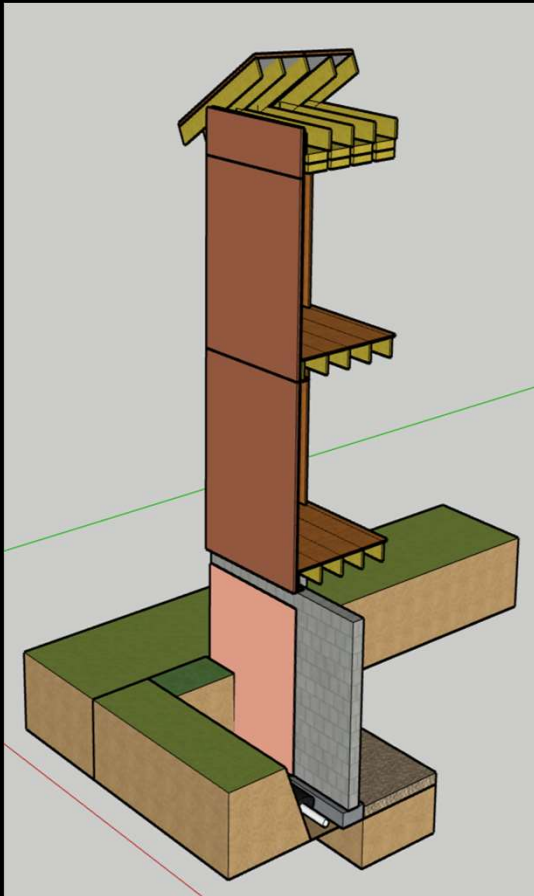
DRAWING TITLE:
GENERAL NOTES, SITE PLAN RENDERING

DESIGNER: RYAN STACK
CHECKED BY: CERP
SCALE: AS SHOWN
DATE: TBD

PAGE NUMBER:
A-1

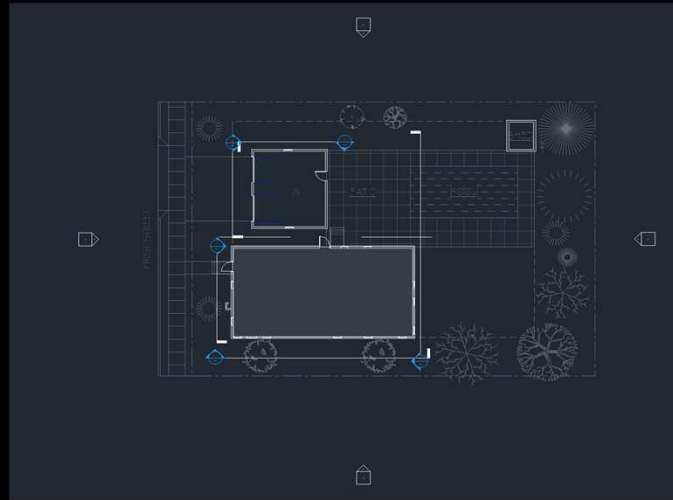
CAD 102

Objective-Design a wall section in Sketchup.

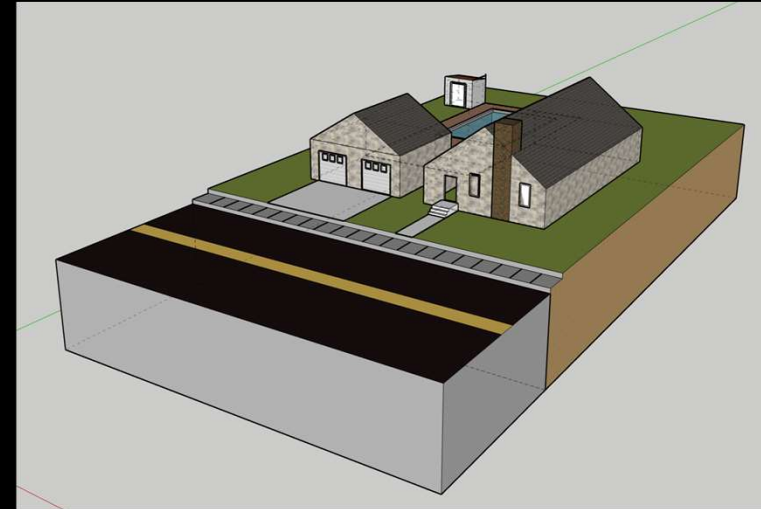


Wall Section

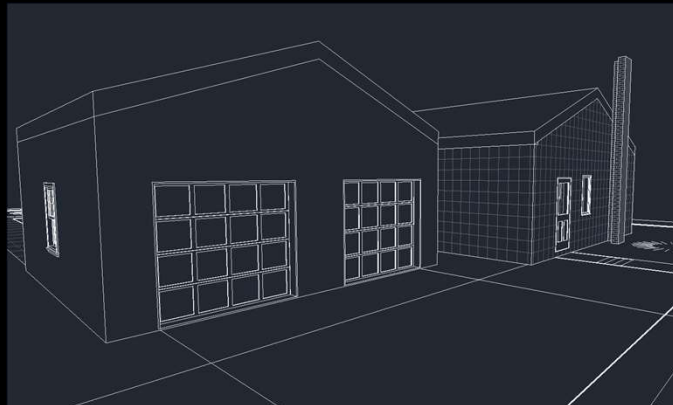
Objective-Our skills were put to the test when we were asked to make the same floor plan on these 3 different programs



AutoCAD Plan



Sketch Up 3D Plan



Exterior View

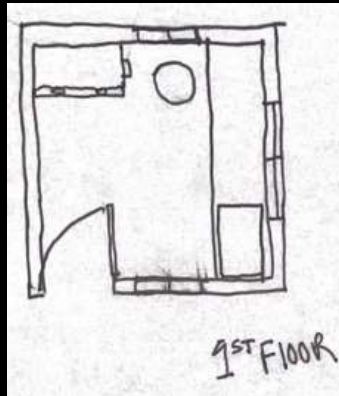


Revit Plan

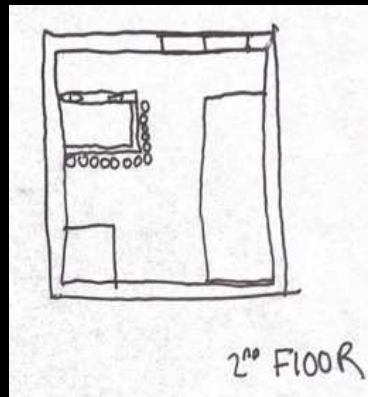
Log Cabín- CAD 102

Objective- Construct a cabin measuring 8',8',16' using only wood, masonry or straw. This cabin will be utilized for a relaxing activity.

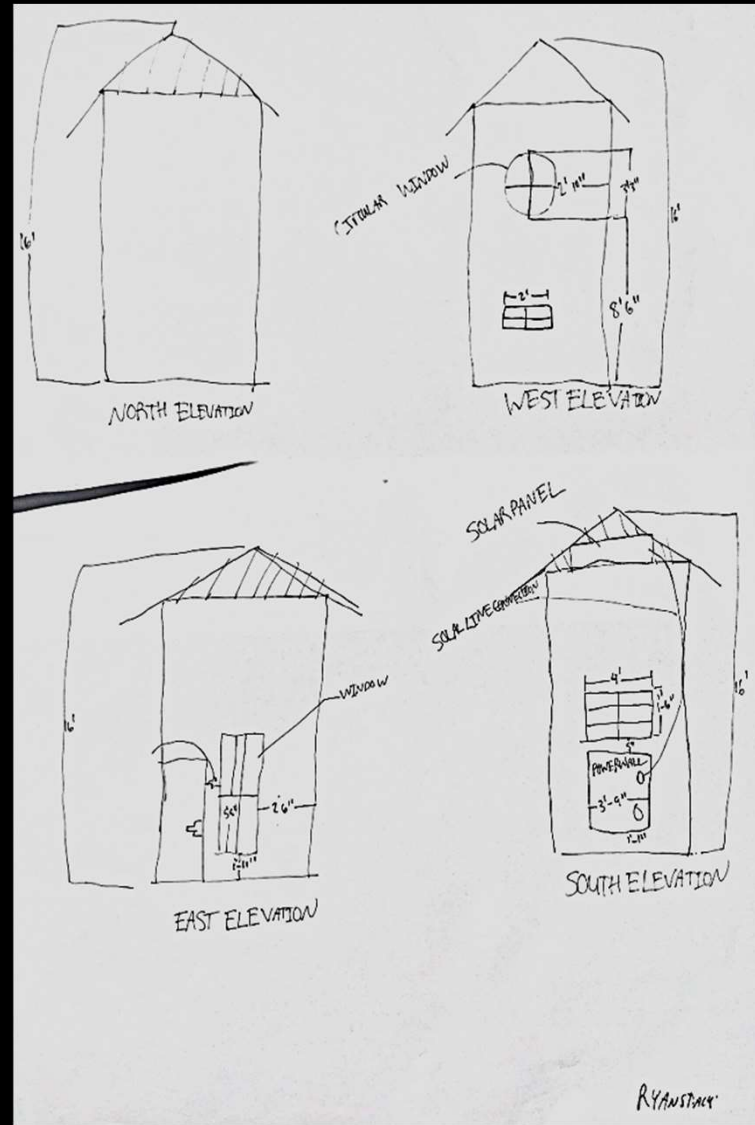
Solution- I wanted to design a structure to be as comfortable as it could. My relaxing activity is bird watching. The circular window gives me plenty of room to achieve this.



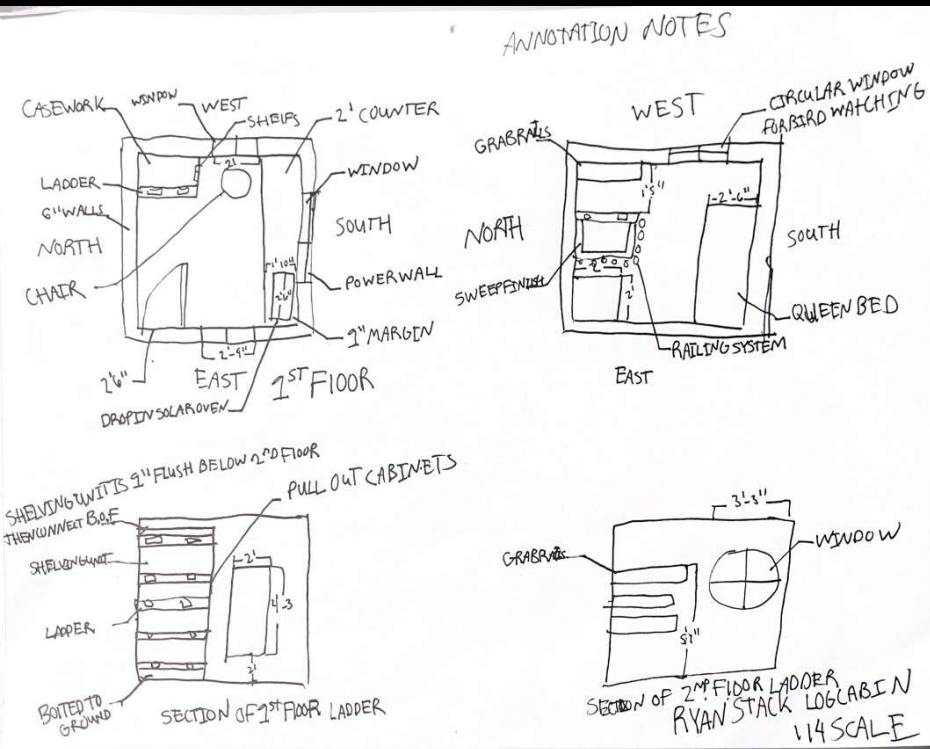
Sketches



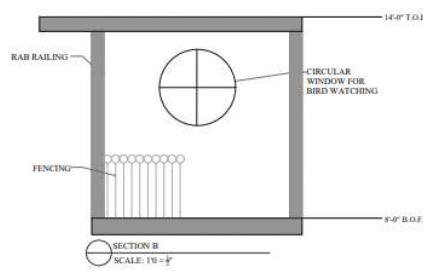
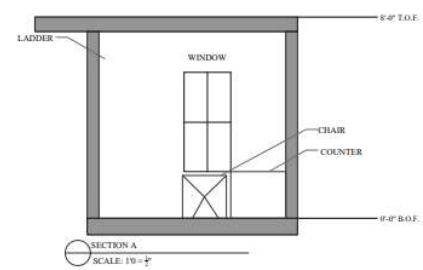
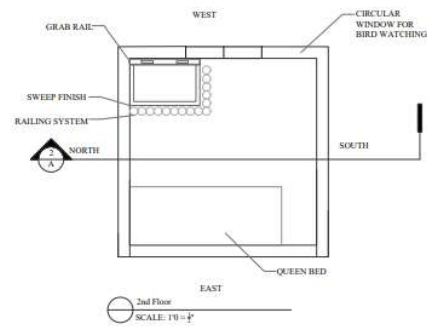
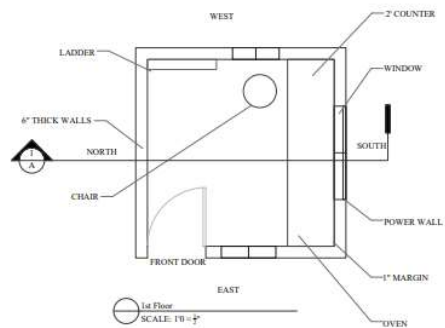
Sketches



Sketches



Preliminary Sketches



PROCESS SET-
NOT FOR CONSTRUCTION

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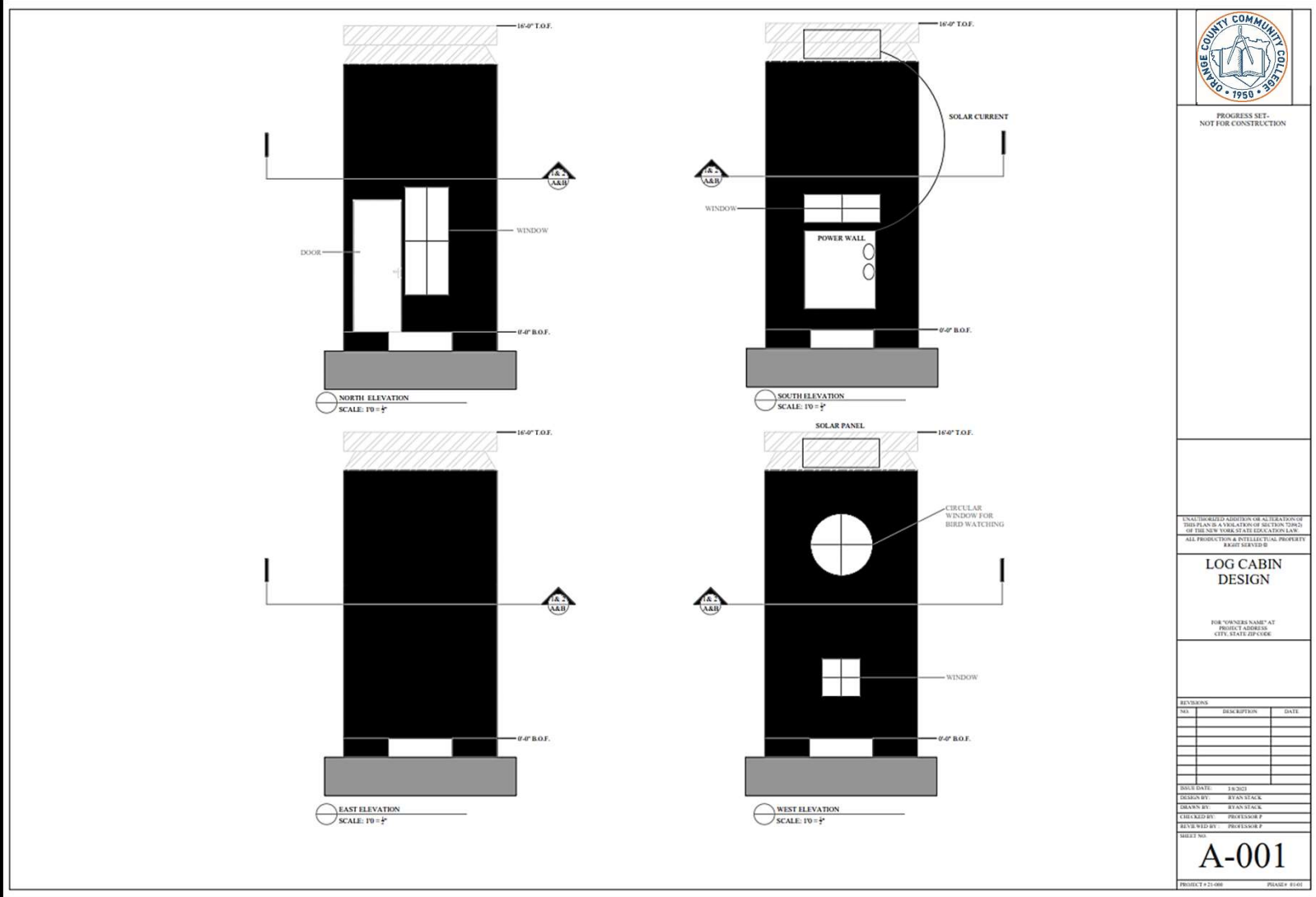
LOG CABIN DESIGN

FOR "OWNER'S NAME" AT
PROJECT ADDRESS
CITY, STATE, ZIP CODE

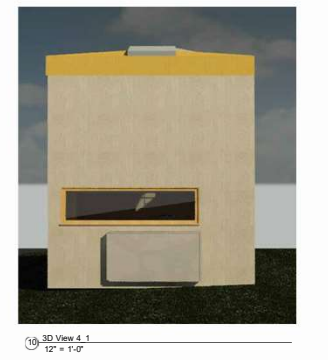
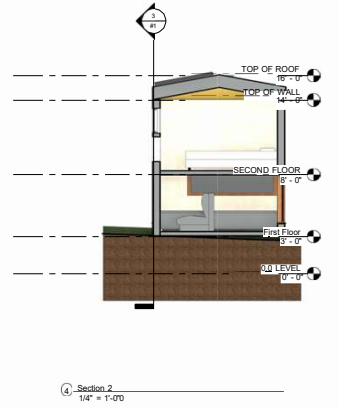
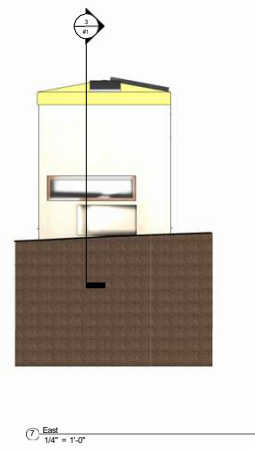
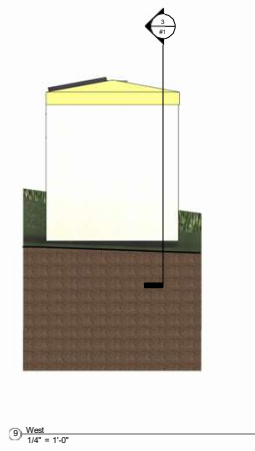
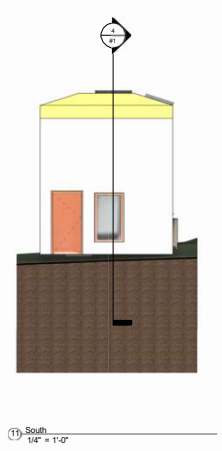
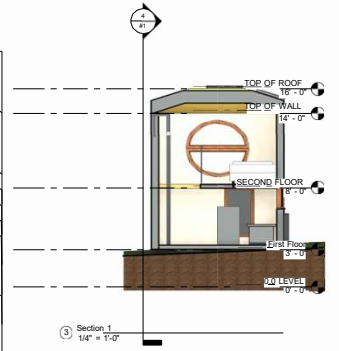
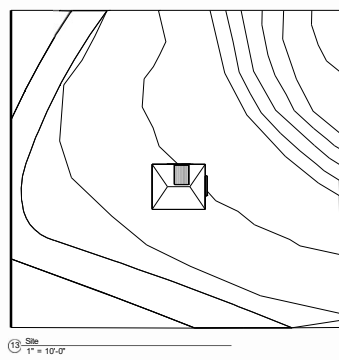
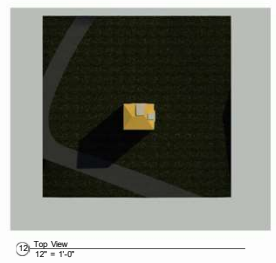
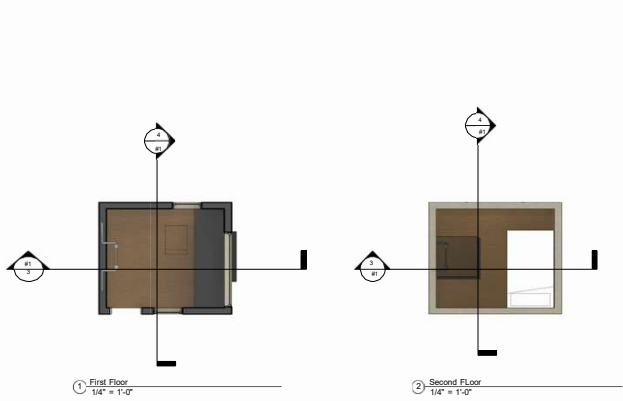
REVISIONS	NO.	DESCRIPTION	DATE

DATE: 10/20/2020
DESIGNED BY: RYAN STACE
DRAWN BY: RYAN STACE
CHECKED BY: PROFESSOR P
REVIEWED BY: PROFESSOR P

SHEET NO.
A-001
PROJECT: 20-0000 PROJECT: 00-00



Preliminary CAD File



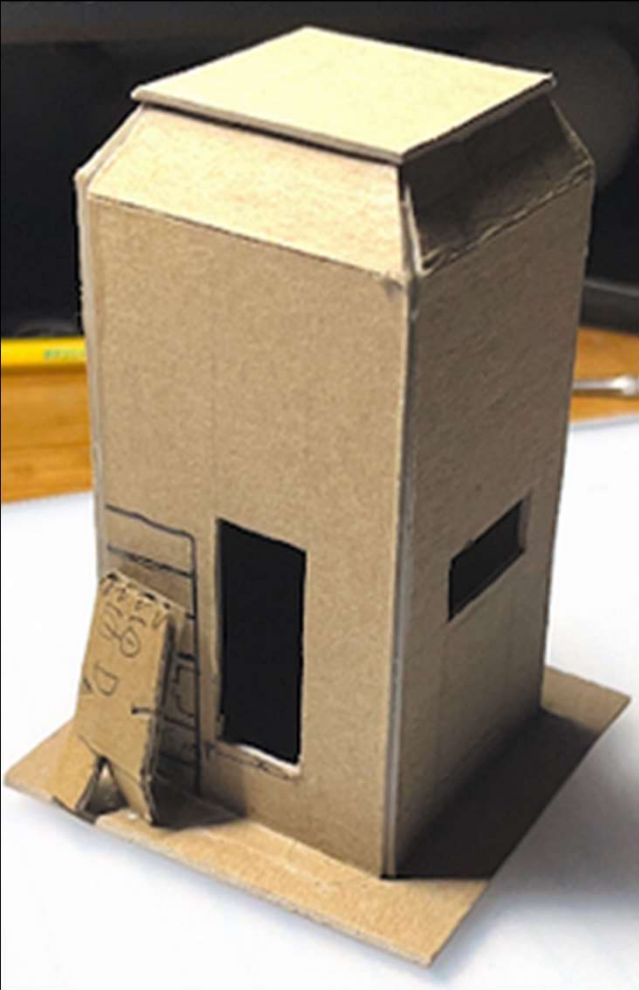
CLASS: CAD 102
PROFESSOR: Checker

PROJECT: The Stack Cabin
DESIGNED BY: Ryan Stack

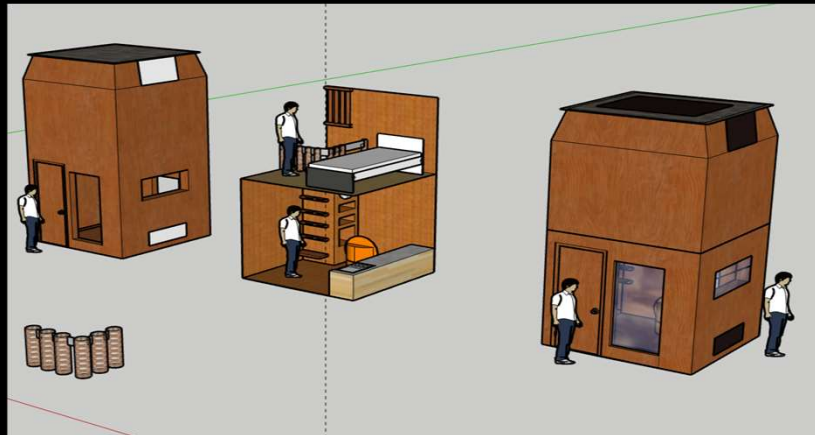
DRAWING No. #1
DATE: 4/26/23

Final Revit File

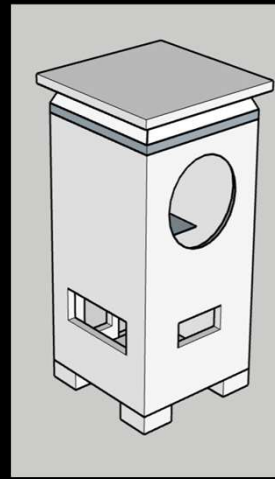
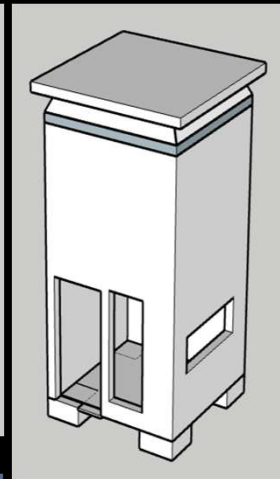
Log Cabin- CAD 102



Physical Model at 1/8



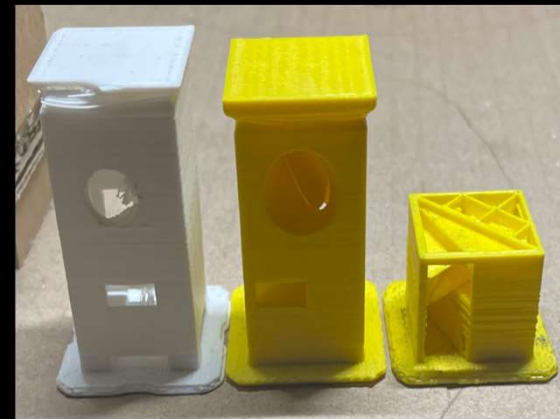
Sketch Up Plan



3D Print File on Sketchup



Physical Model at 1/4



3D Print

Architectural Design I,II,III,IV

I.

- Folding Paper
- Experience Problem
- Ambiguity Problem
- Volume Project
- Repetitive Parts
- Final Project Sculpture Spaces

II

- Work & House Studio

III

- Sustainability House
- Environmental Center

IV

- High Rise Fitness Center
- Cultural Bridge Center

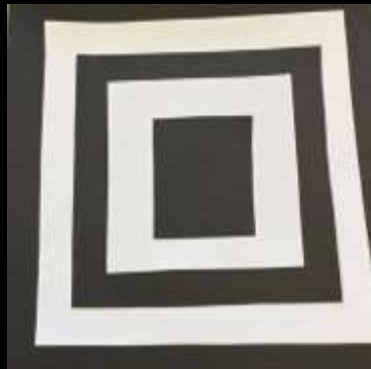
Ambiguity Problem- Design I

Objective-Create a 2-dimensional representation of each of the 5 design themes (Symmetry, Approximate Symmetry, Tension, Balance, Name). Using black and white construction paper on a 12"x12" background.

Solution- I did my best to express these themes in my own way.



Tension



Symmetry



Balance



Approximate Symmetry



Name

Folding Paper Project- Design 1

Objective- Through a series of formal operations, transform a 2"x12" paper to create an architectonic sculptural form.

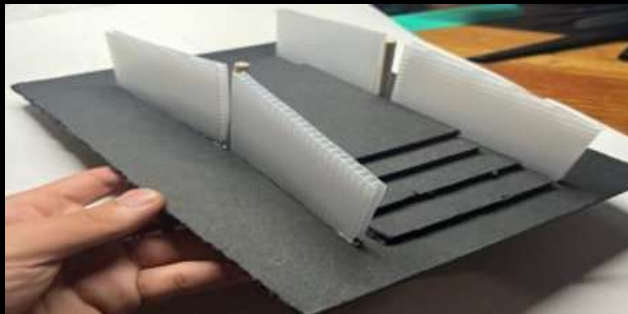
Solution- My idea was to make appealing folds on folds on folds



Experience Problem- Design 1

Objective- Using only primary elements (point, line, plane, volume), design three separate, distinct spaces, each based on an adjective. Spaces may be no smaller than 40 s.f. and no larger than 200 s.f.

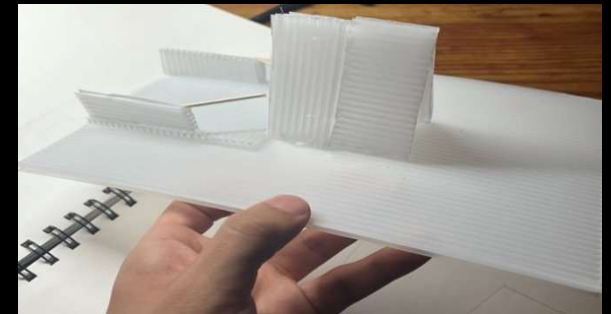
Solution- the 3 adjectives I chose were claustrophobic, symmetrical and calm



Calm



Claustrophobic



Symmetrical

Repetitive Parts- Design 1

Objective-Build a model to the dimensions of 60"x30"x30" exploring the creation of an architectonic language and the contrasting effects of solid and void

Solution- I wanted to stress structuralism and a skeletal feel. An open vibrant experience



Volume Project Design 1

Objective-Build a model to the dimensions of 3"x3"x6" exploring the creation of an architectonic language and the contrasting effects of solid and void

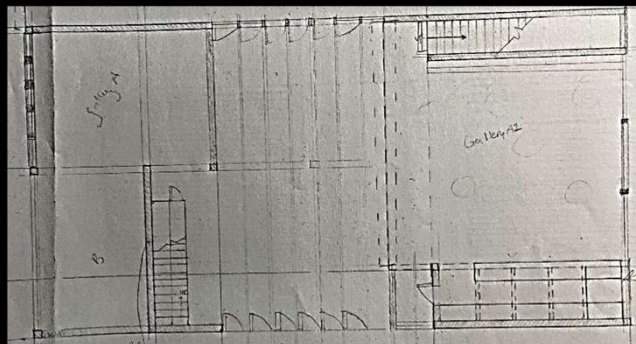
Solution- I wanted to stress in this project lots of volume with having a lot of openings and good airflow in my project.



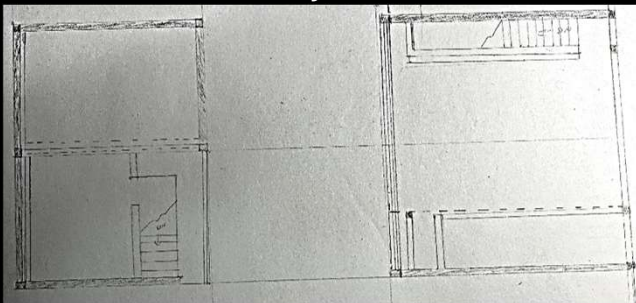
Sculpture Spaces- Design I

Objective- Consider all lessons learned during the semester through the exploration of design principles in studio projects. Incorporating these principles, design a museum to house 2 and 3-dimensional artworks you researched and documented, as well as one large-scale work by Shepard Fairey and several small-scale works by Banksy.

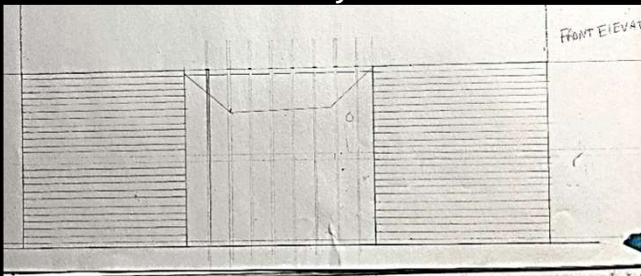
Solution- I wanted to make a museum that was very functional and made sure it had the proper lighting. I strived to making a very aesthetically pleasing look to this project.



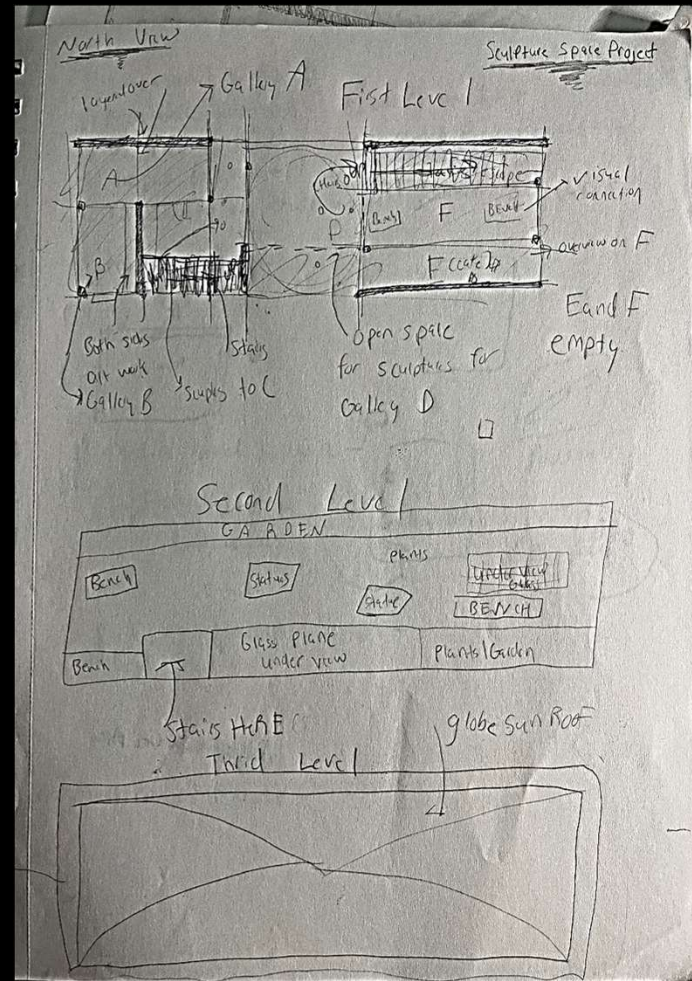
Preliminary 1st Floor



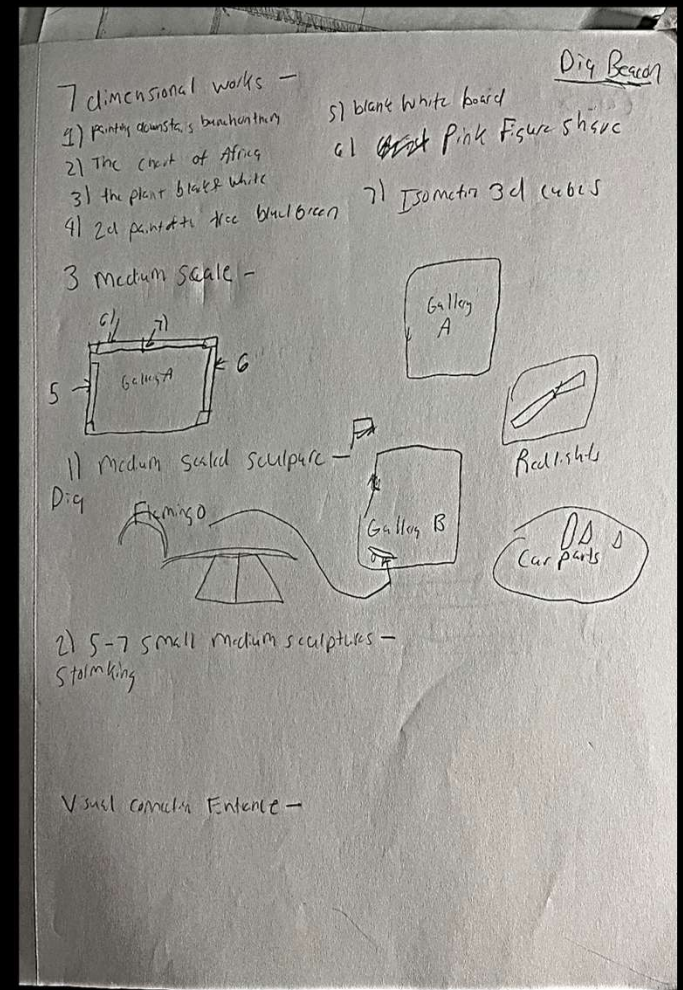
Preliminary 2nd Floor



Preliminary Front Elevation



Preliminary 1st & 2nd Floors



Thought Process

Sculpture Spaces- Design 1

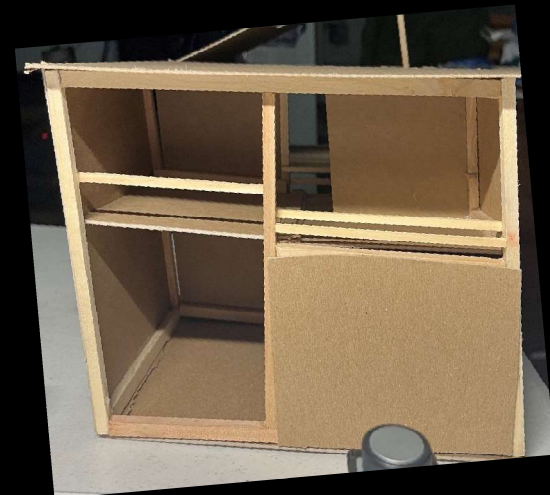
Physical Model



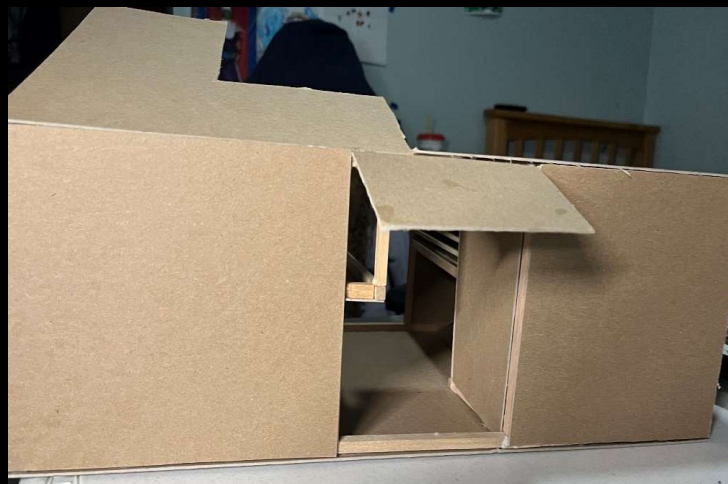
South Side



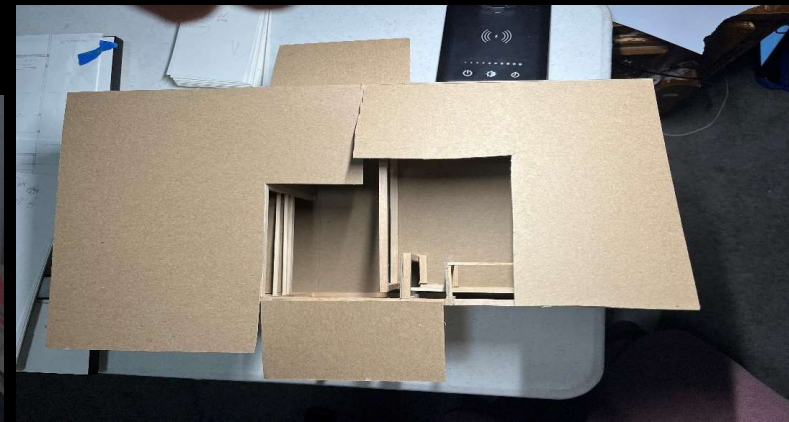
West Side



East Side



North Side

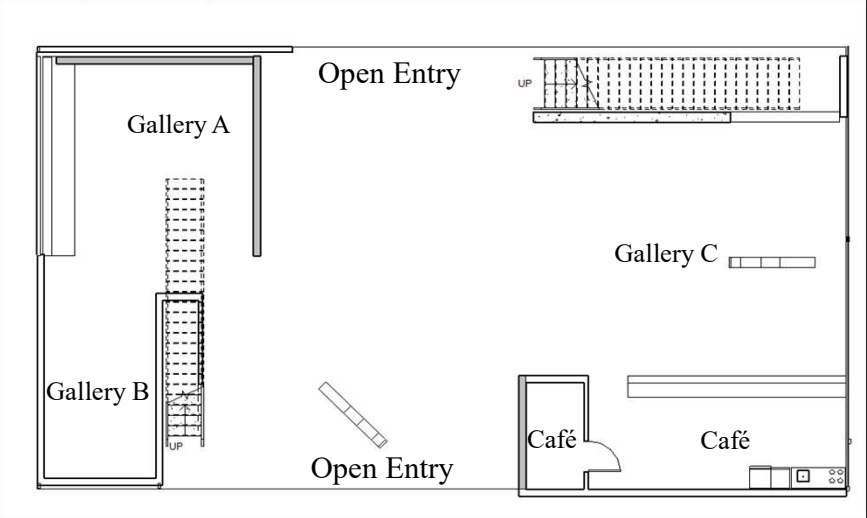


Top View

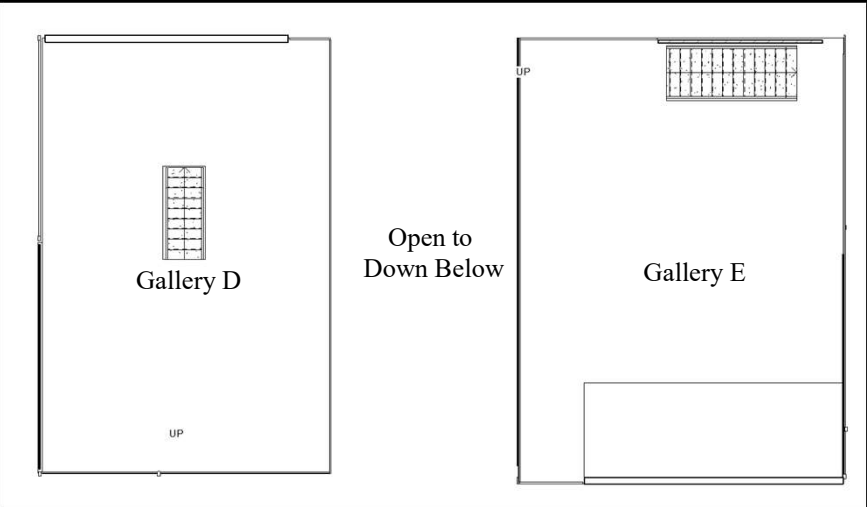


Interior Views

Sculpture Spaces- Design I

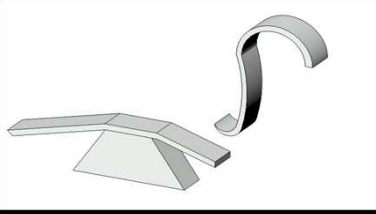
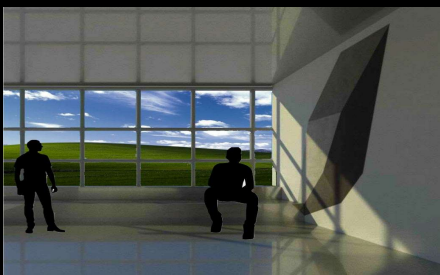
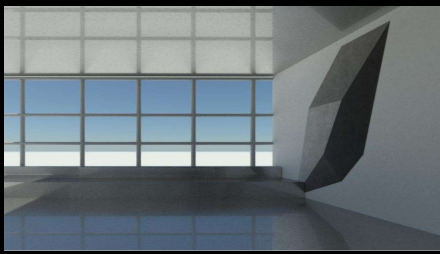
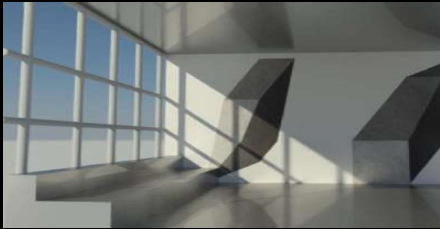


First Floor Plan



Second Floor Plan

Interior Renderings



Fabricated Swan



Fabricated Bench/Window



Final Representation

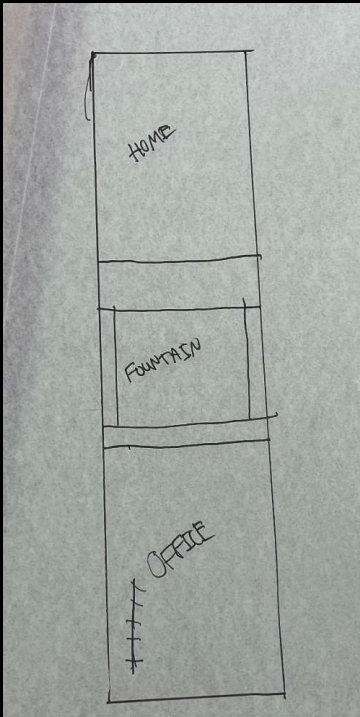


Final Representation

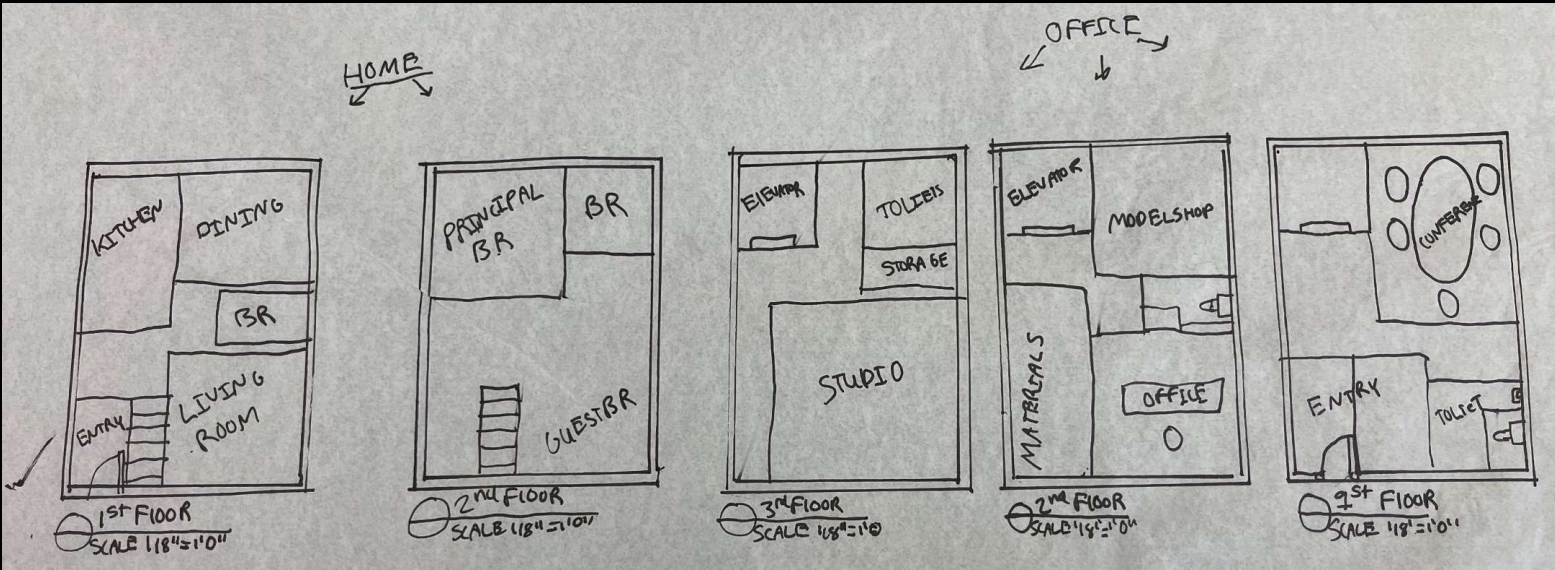
Home and Studio-Design II

Objective- Design an office for your architecture firm that exemplifies your style and design philosophy.

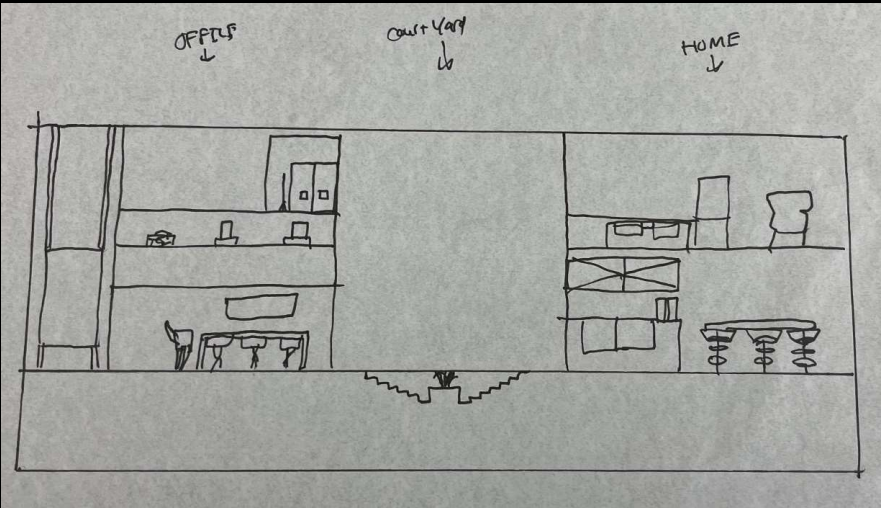
Solution- I try to create to my building like the surrounding building around it. Which was provided to us.



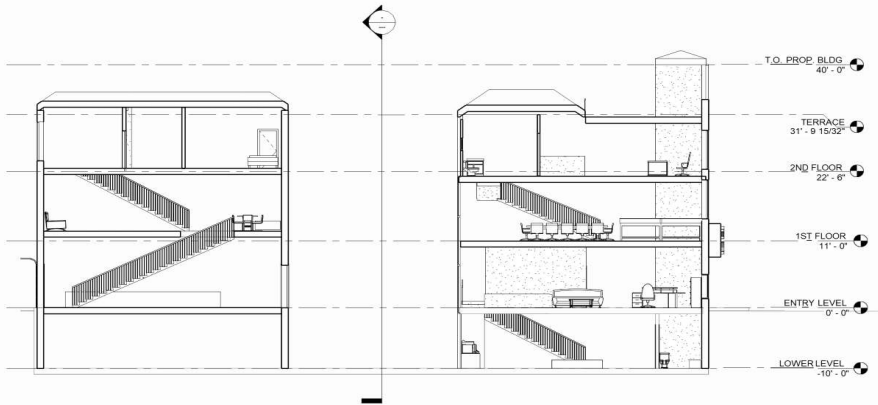
Site Layout



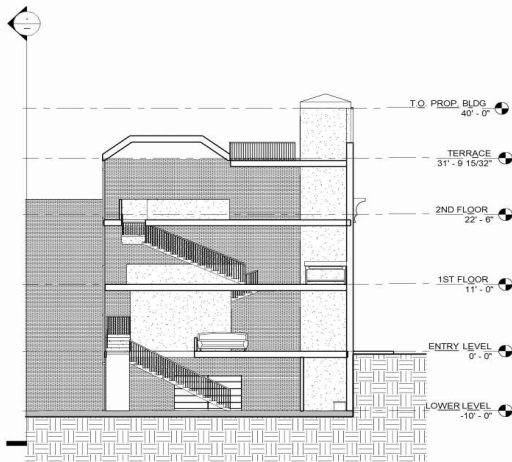
Preliminary Sketches



Section #1



① Cross Section
1/8" = 1'-0"



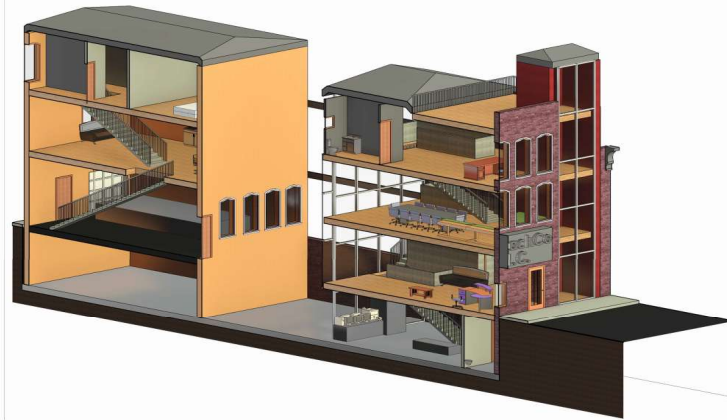
② Good Section of Stairs
1/8" = 1'-0"



④ Entry



⑤ 3D



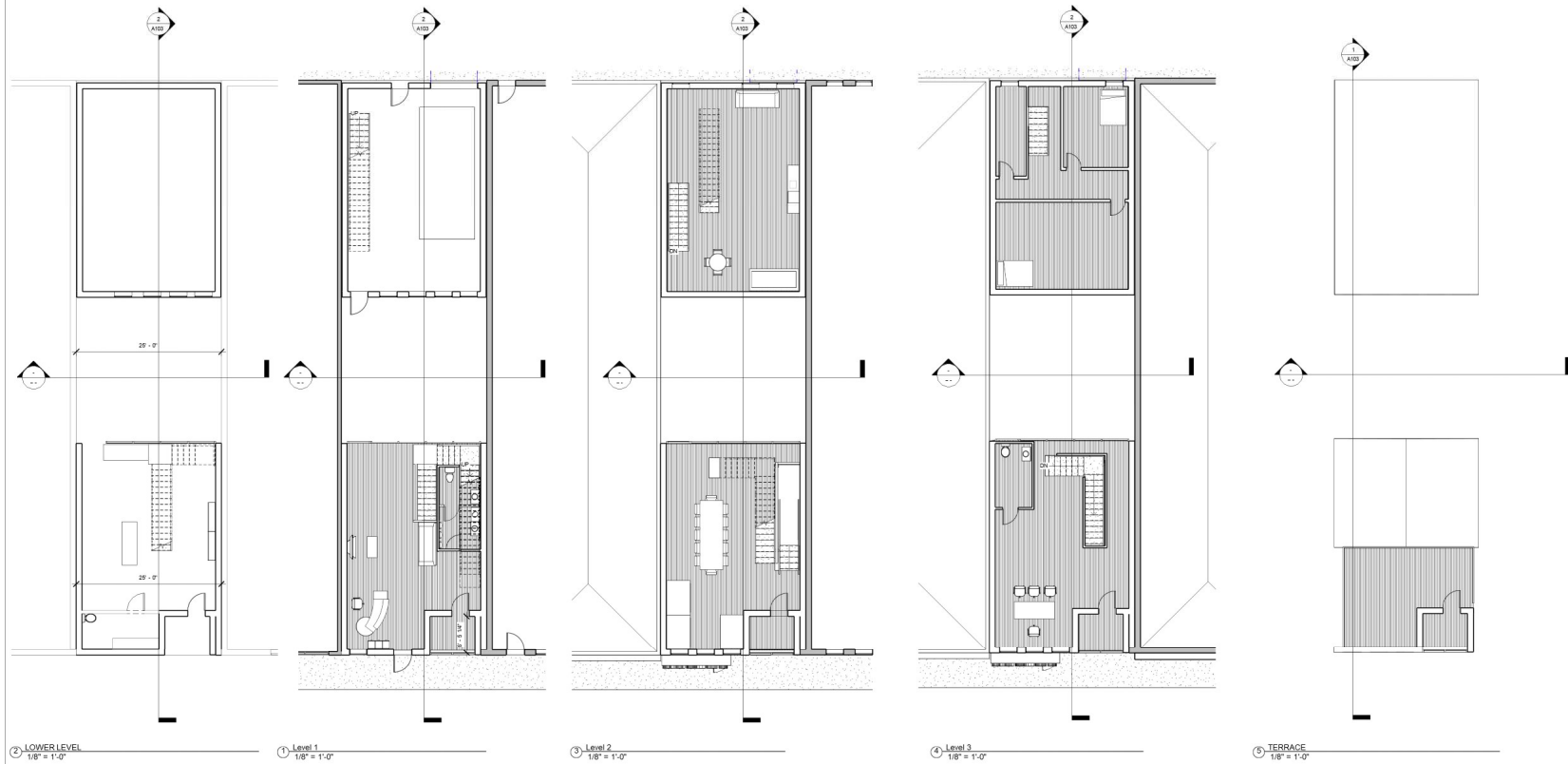
⑥ 3D Copy 1



CLASS: DESIGN 2
PROFESSOR: Checker

PROJECT: STACK CO L.L.C.
DESIGNED BY: RYAN STACK

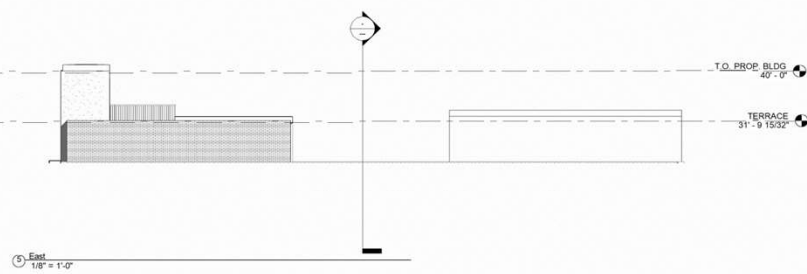
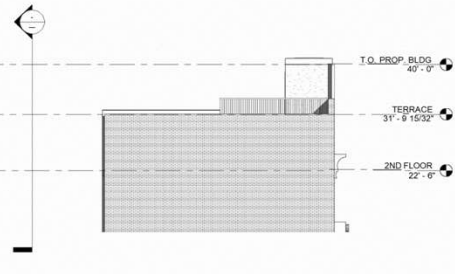
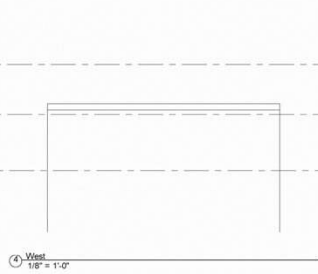
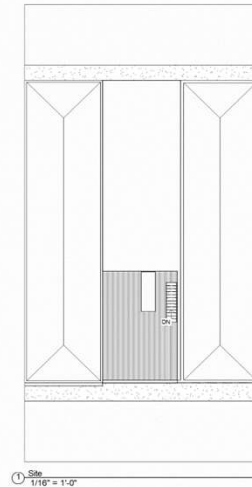
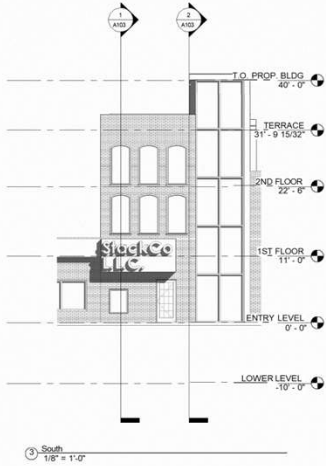
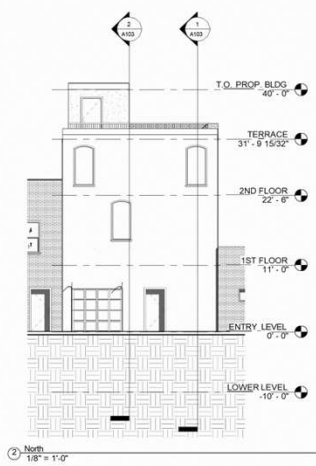
DRAWING No. A103
DATE: 05/02/23



CLASS: DESIGN 2
PROFESSOR: Charles Passaortti

PROJECT: STACK CO L.L.C.
DESIGNED BY: Designer

DRAWING No. A101
DATE: 04/25/23

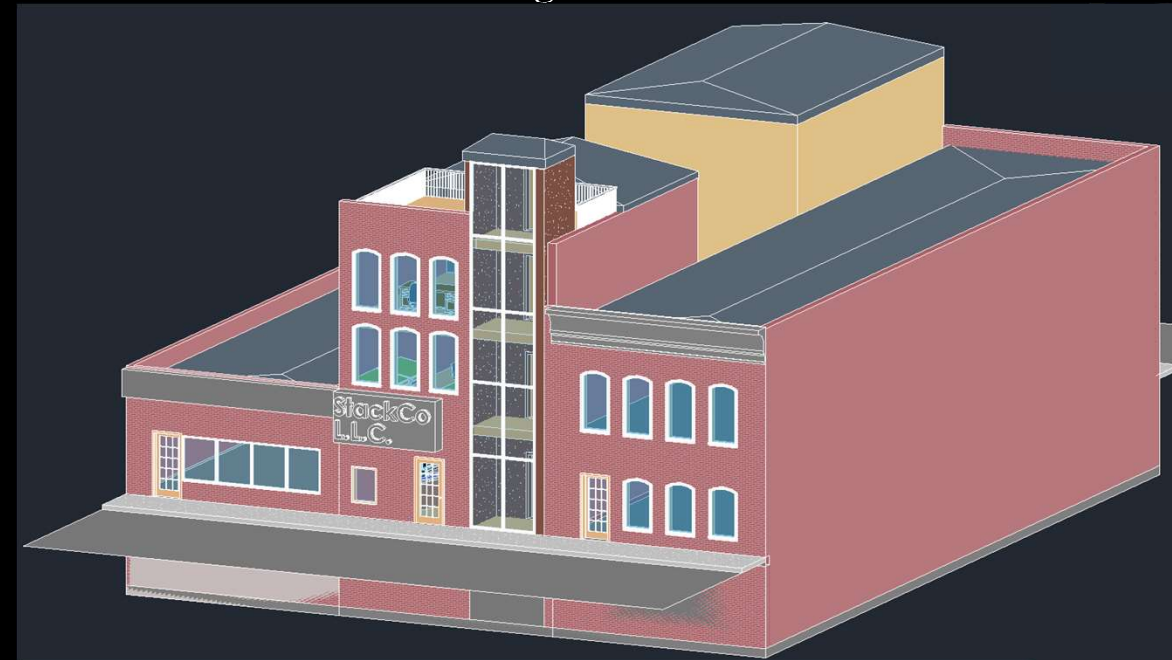


CLASS: DESIGN 2
PROFESSOR: Charles Passaortti

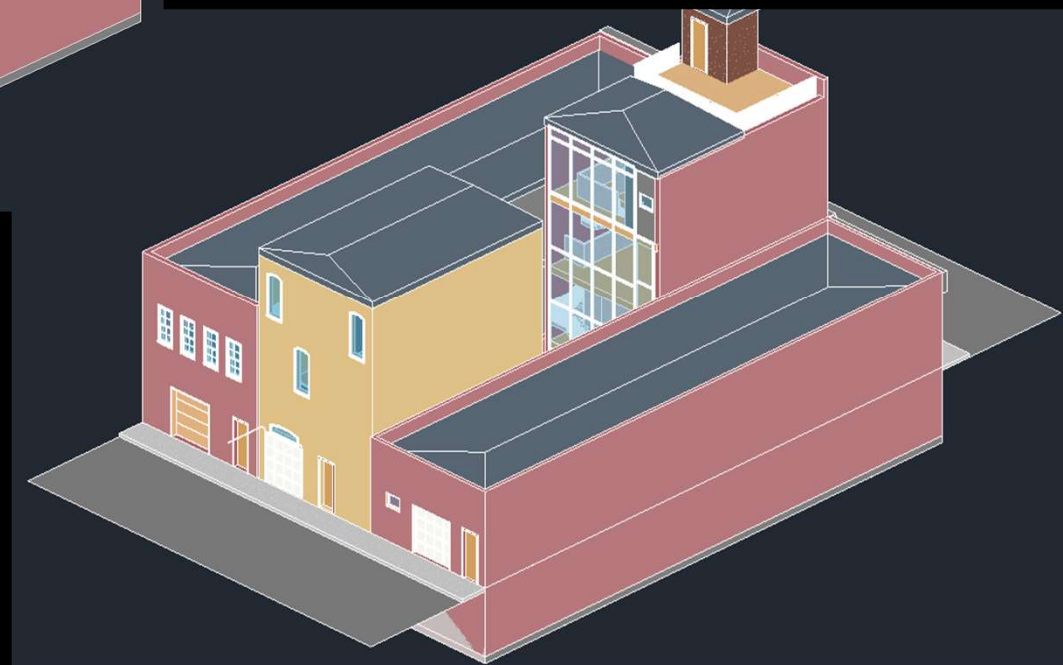
PROJECT: STACK CO L.L.C.
DESIGNED BY: RYAN STACK

DRAWING No. A102
DATE: 05/02/23

Home and Studio- Design II



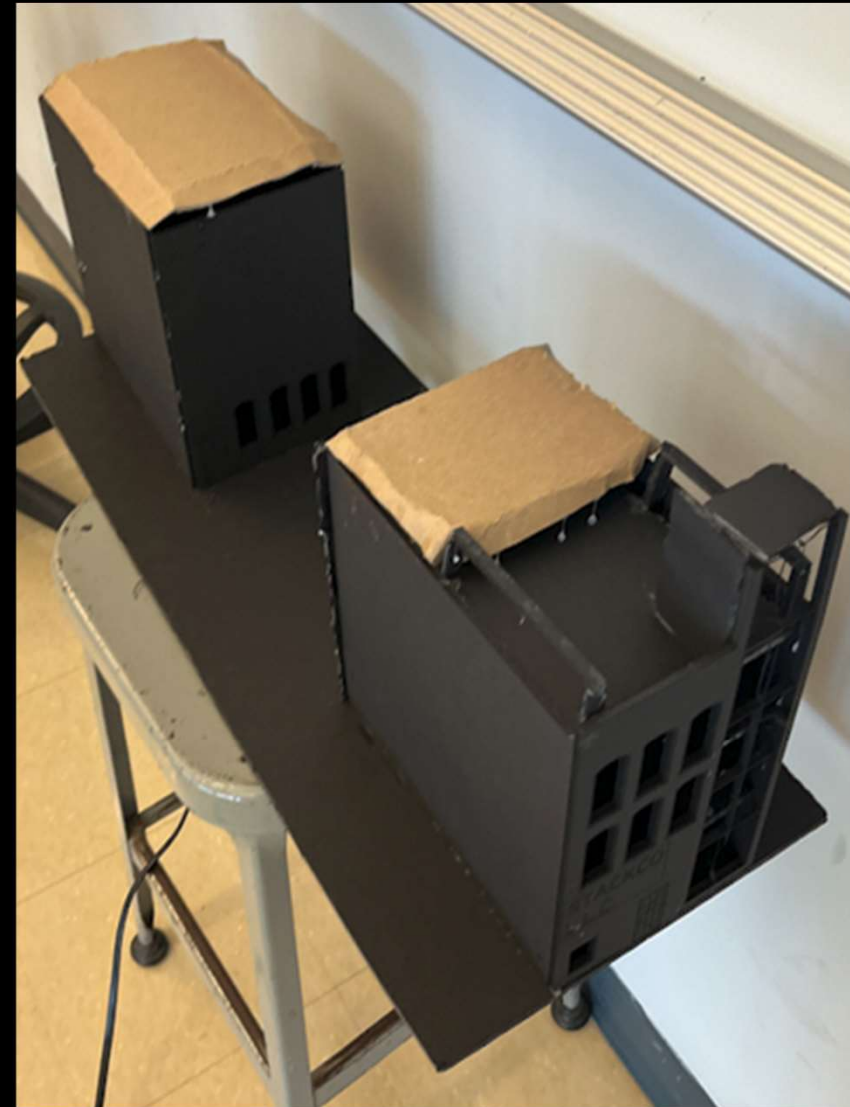
Orthographic Front View



Orthographic Rear View

Home and Studio- Design II

Physical Model



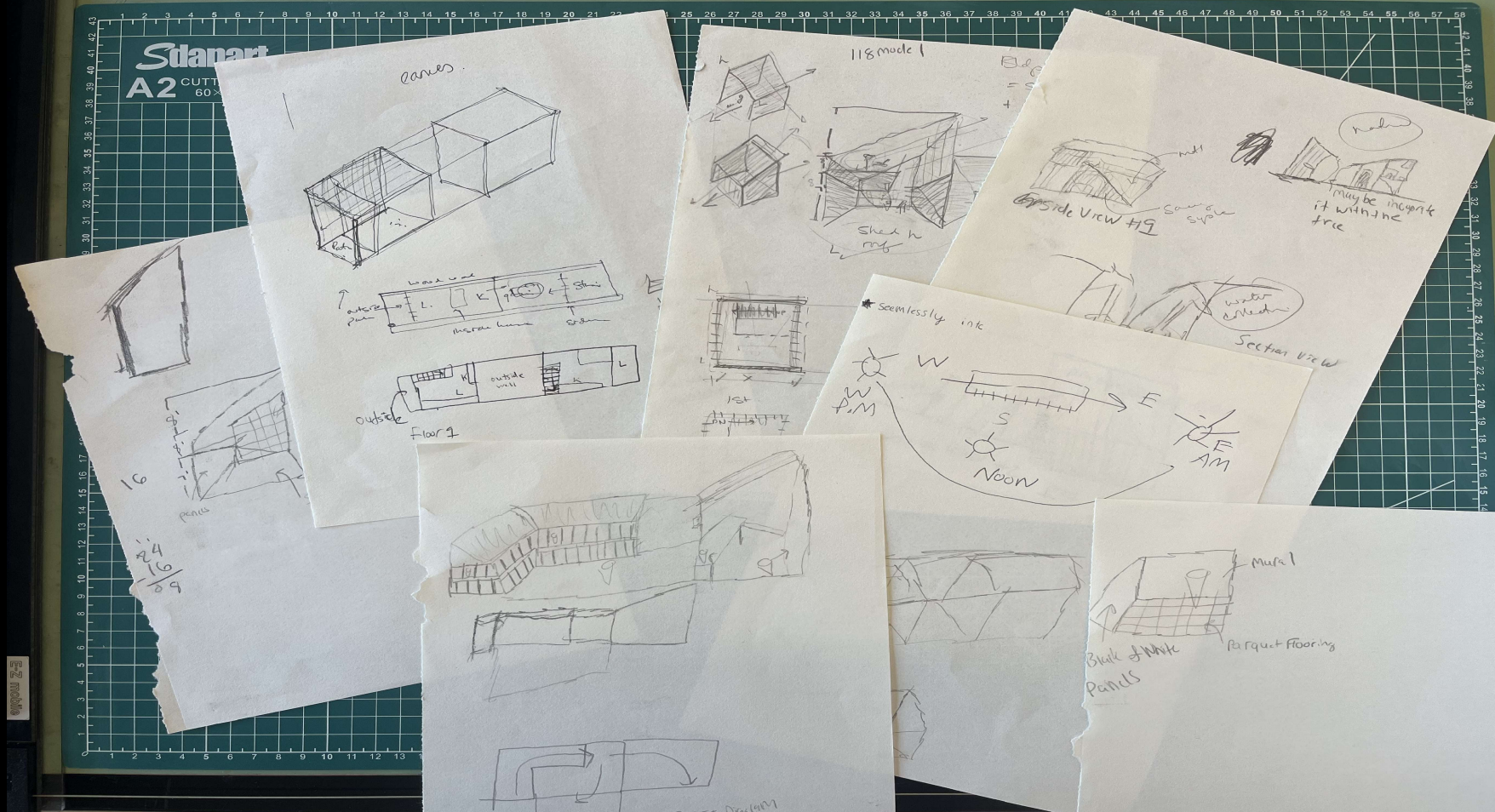
Sustainable House- Design III

Objective-

Your clients, a married couple, have purchased a five-acre wooded parcel of land in New York's Hudson Valley and has asked you to design a house on the site. The house is to depend minimally on the utility grid and is to be designed with passive and active green building design systems.

Solution-

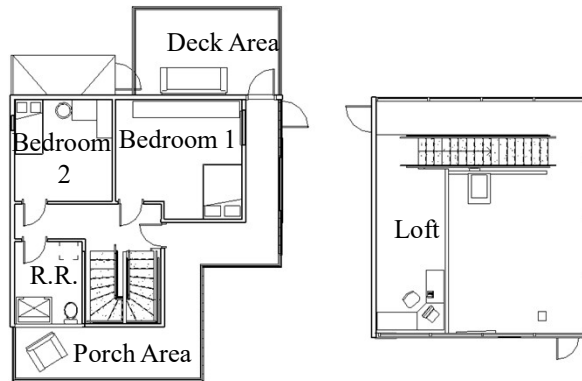
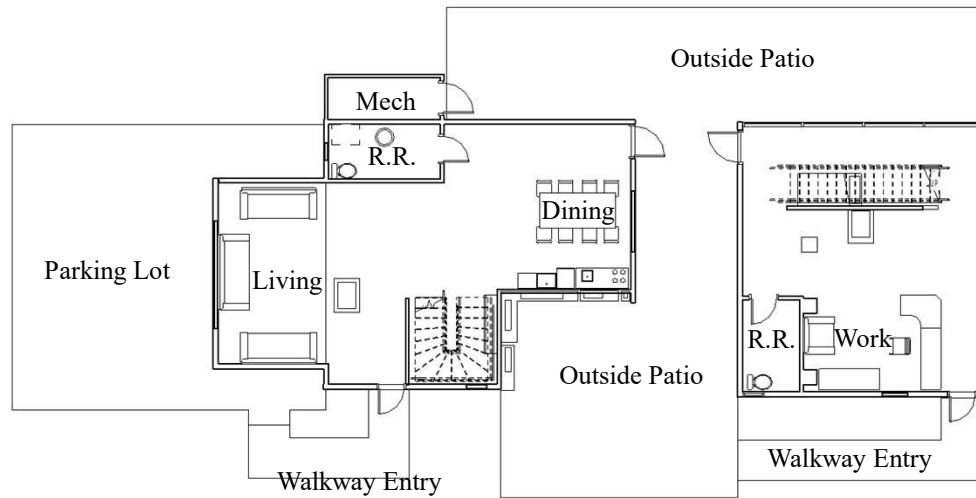
I wanted to emphasize on making a sustainable structure. Having drainage from the roof to reuse in my cistern was a major focus on my designs



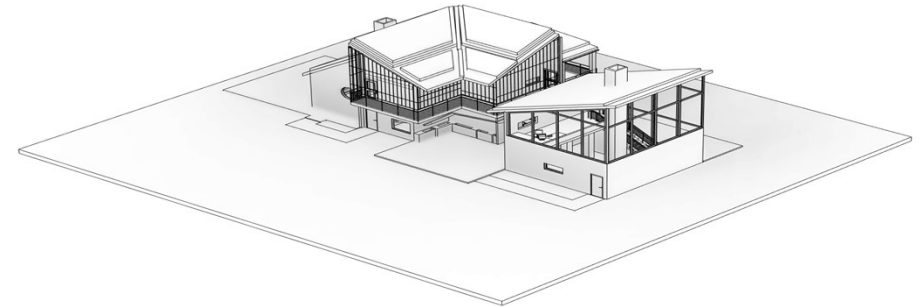
Preliminary Sketches

Sustainable House- Design III

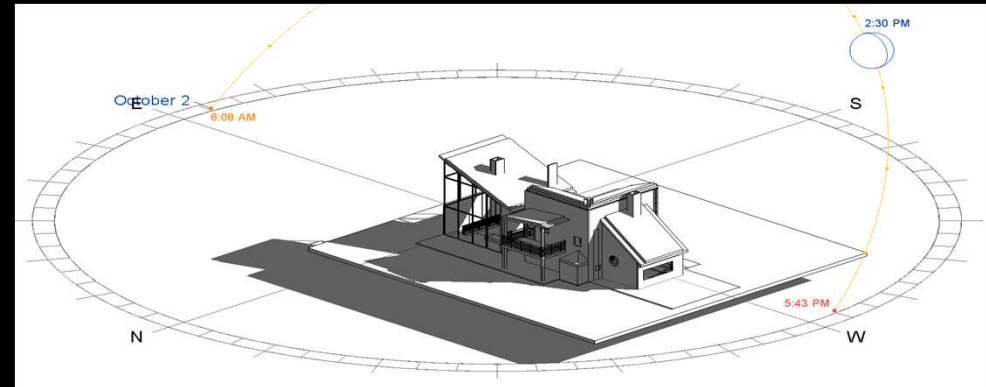
First Floor



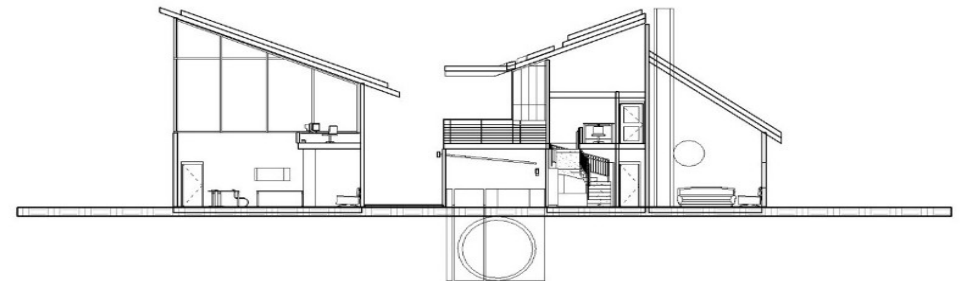
Second Floor



Orthographic View



Solar Orientation



Longitudinal Section

Sustainable House- Design III

Front of House Rendering



House Information-

- 2 Bedrooms •2 Bathrooms •Living Area
- Dining Area/full kitchenette, •Driveway that can hold 2 cars, •Patio Area,
- Outdoor living around with plants,
- Mechanical room, •Fireplace,

Front of Studio Rendering



Studio Information-

- Outdoor living space • 2 workspaces one on Loft for work then the other is underneath it •Fireplace
- Secret bed space behind stairs



Loft in Studio



Downstairs in Studio



Secret Sleeping Space

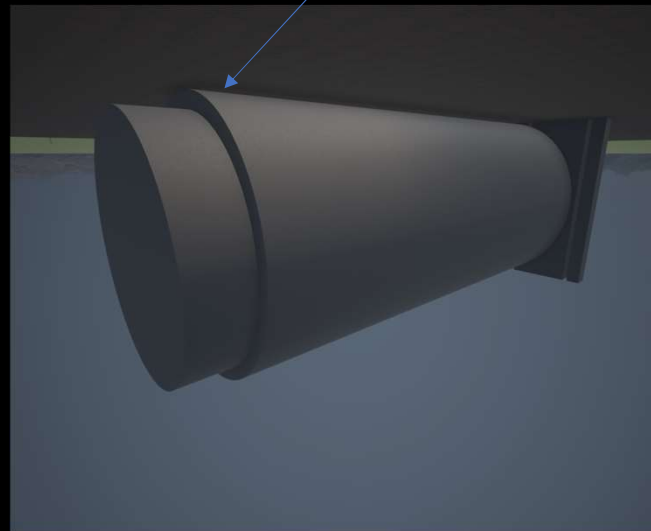
Sustainable House- Design III

Sustainability

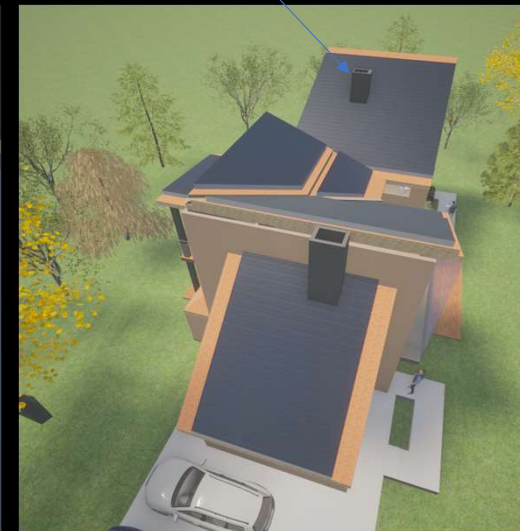
- My design solution for a sustainable house would be using all recycled and organic materials to form my house with no outside materials. My main source of energy would be solar powered, but I would also like to a drainage system from my roof down below to my cistern through my plants in the front of my house.
- **Energy-** 6 Solar Powered Panels in total
- **Materials-** Recycled Materials (Papercrete) (Corkscrews for floors or panels) (Newspaper wood) (Bark siding)
- **Water-** Cistern at the bottom to collect rainwater
- **Habitat-** All birds are welcome!

Ending
Point
Drainage
System that
leads to
cistern

Start Point
for
drainage



Cistern



6 Solar
Panels

Sustainable House- Design III

Interior & Exteriors Renderings- Design III



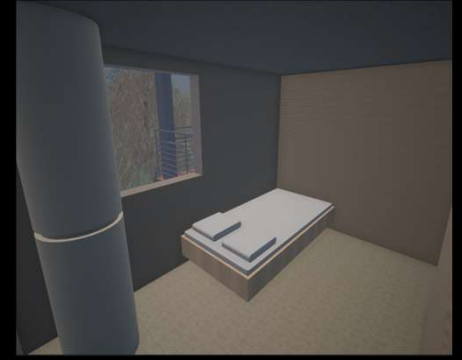
Outside Porch Area



Kitchen/Dining Area



Main Bedroom



Second Bedroom



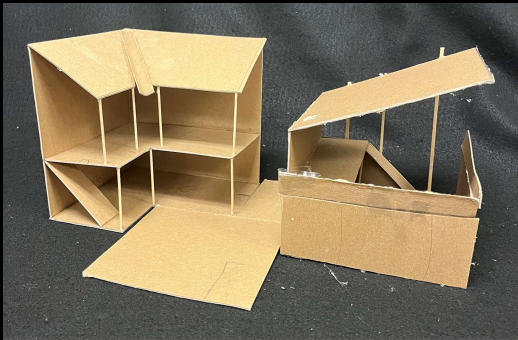
Birds Eye Front View



Birds Eye Rear View

Sustainable House- Design III

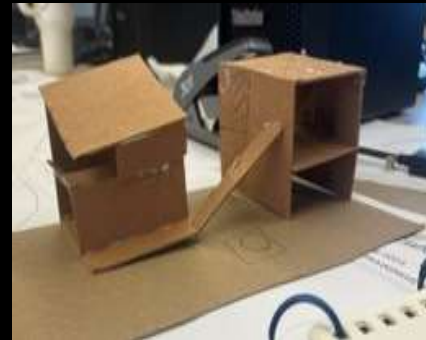
Physical Models



Working Model 1/4



Working Model 1/8



Working Model 1/4



Working Model 1/4



Final Model



Final Model



Final Model

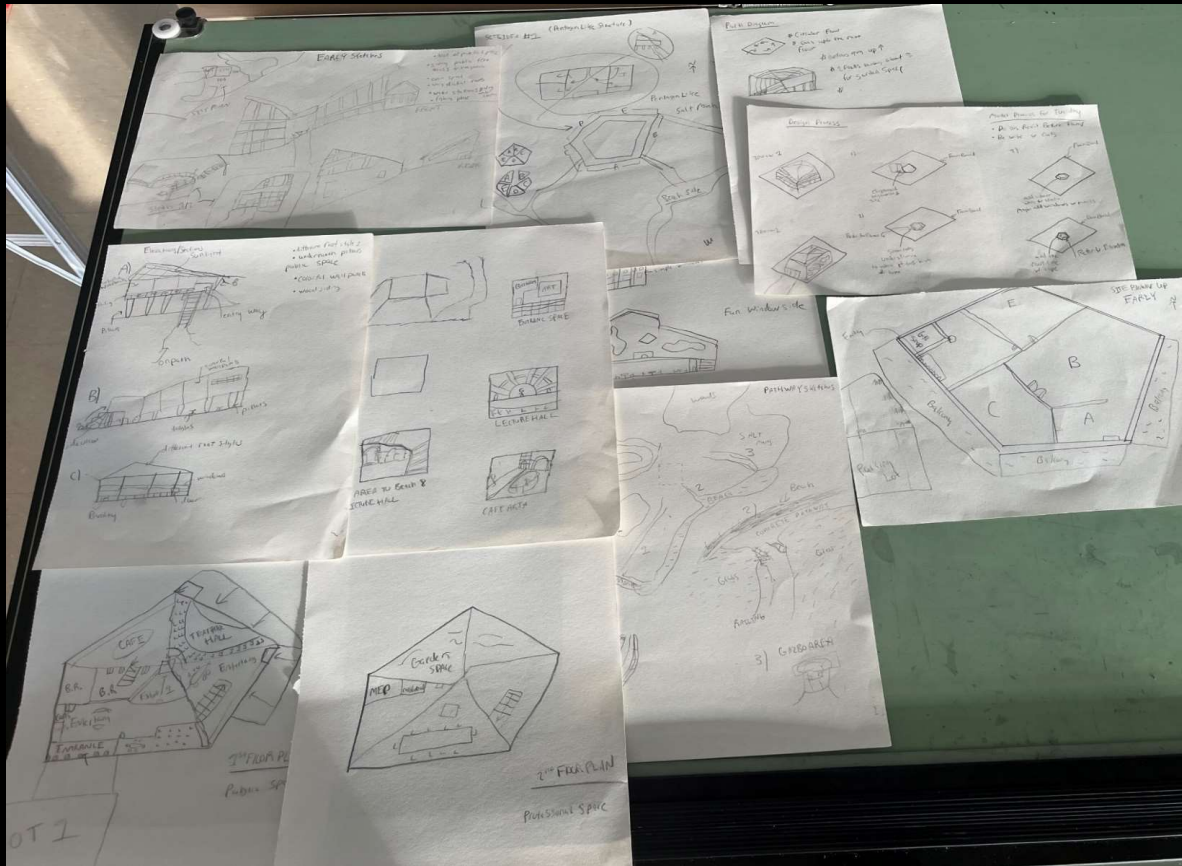
Environmental Center--Design III

Project Objective

Through this design problem, you will be exploring the relationship between site and building, nature and architecture, systems and space. Students are focused on design in section, manipulating all horizontal planes.

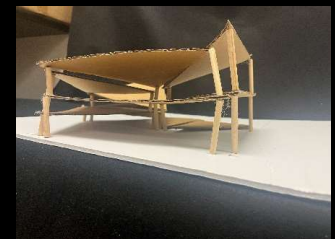
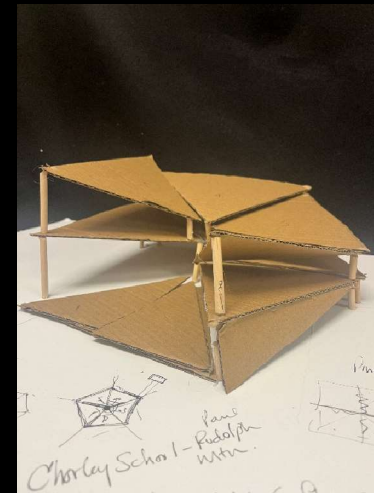
Design Solution

I wanted to develop a project like the pentagon. I wanted to a building with many sloped roofs and a cozy feeling when learning inside the center.



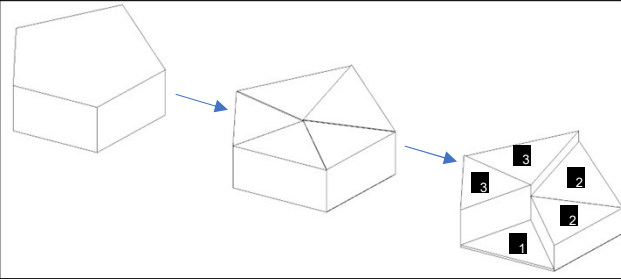
Preliminary Sketches

Structural Working model 1/8

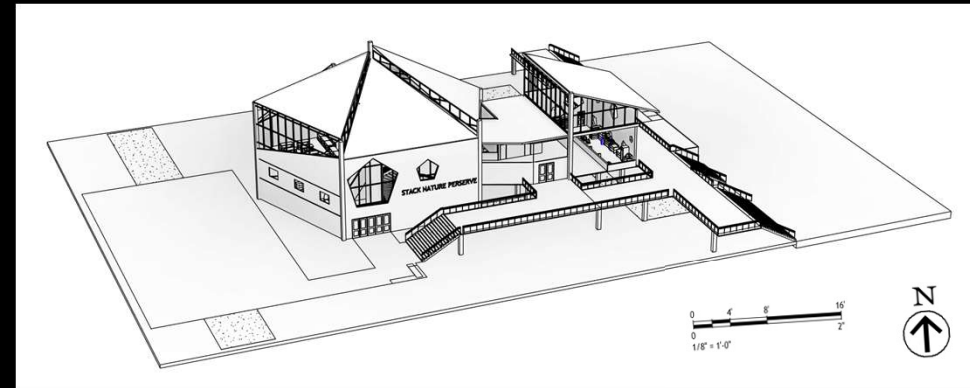


Environmental Center--Design III

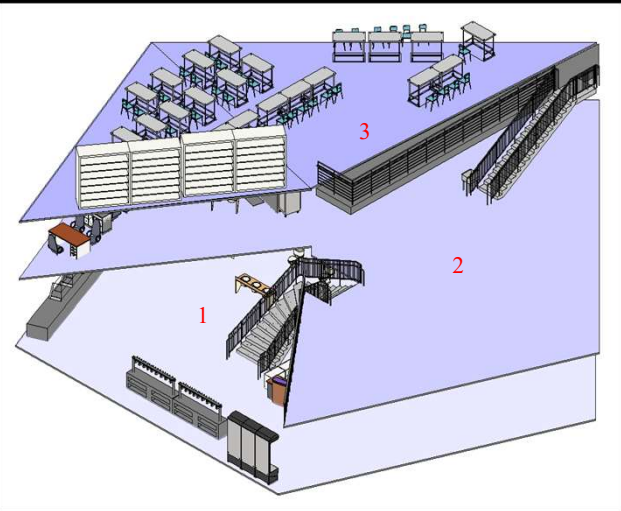
Early Mass Model



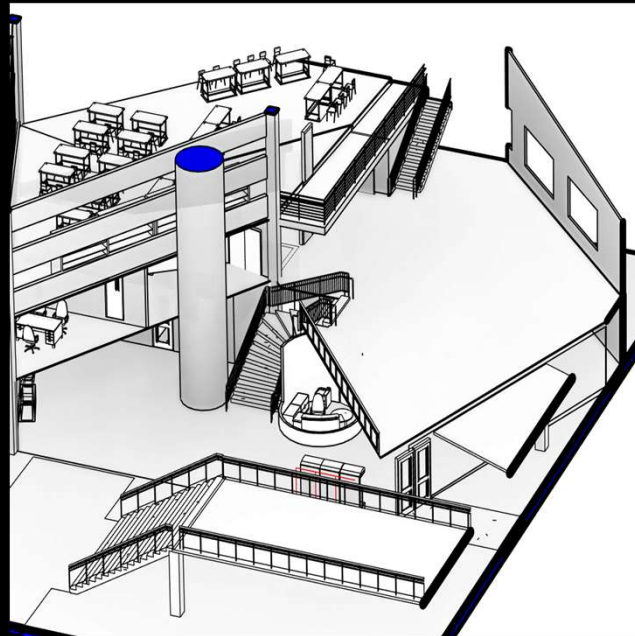
Precedent



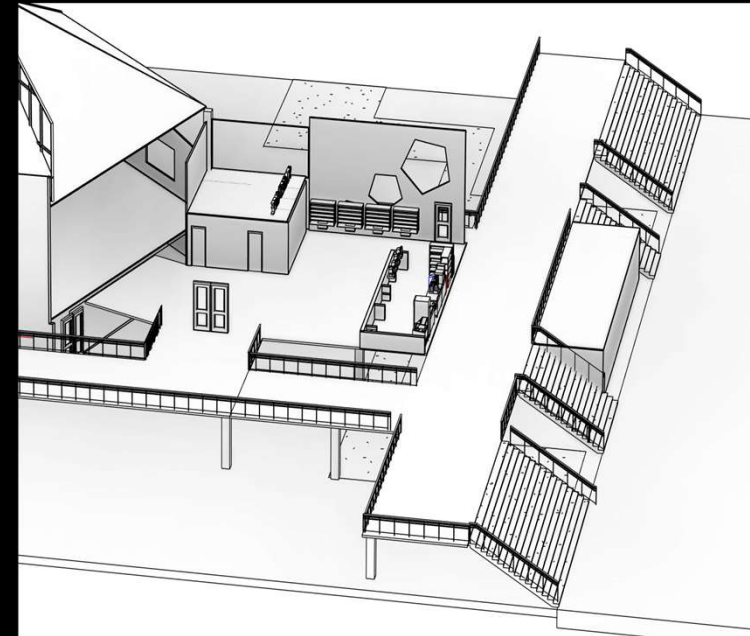
Overall, View



- 1 Exhibition
- 2 Admin/Public space
- 3 Classrooms

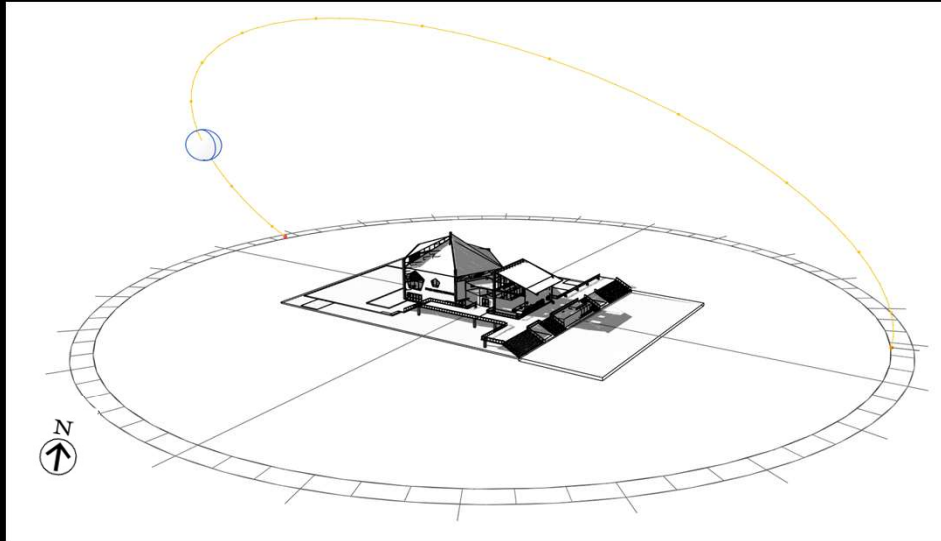


Inside of the Building

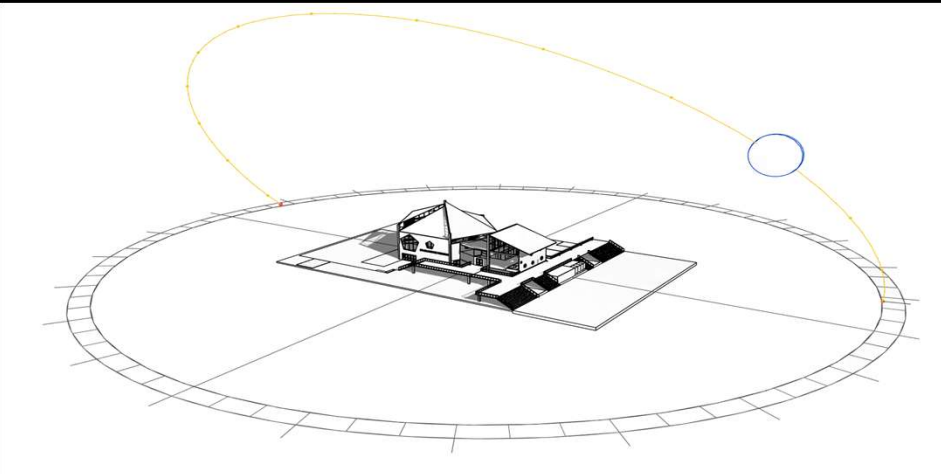


Environmental Center--Design III

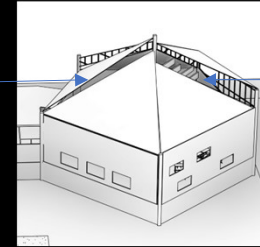
Solar Orientation



4:00 PM

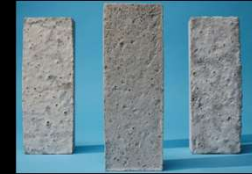


8:00 AM



Passive- Where the pointed arrows are shown I will have a passive cooling system where air flow will come through these small gaps to cool down the building from the top.

Material Vignette



Various types of Green Cement



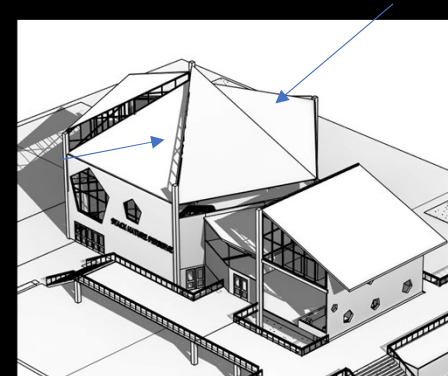
Dark Teak Wood for Walkway



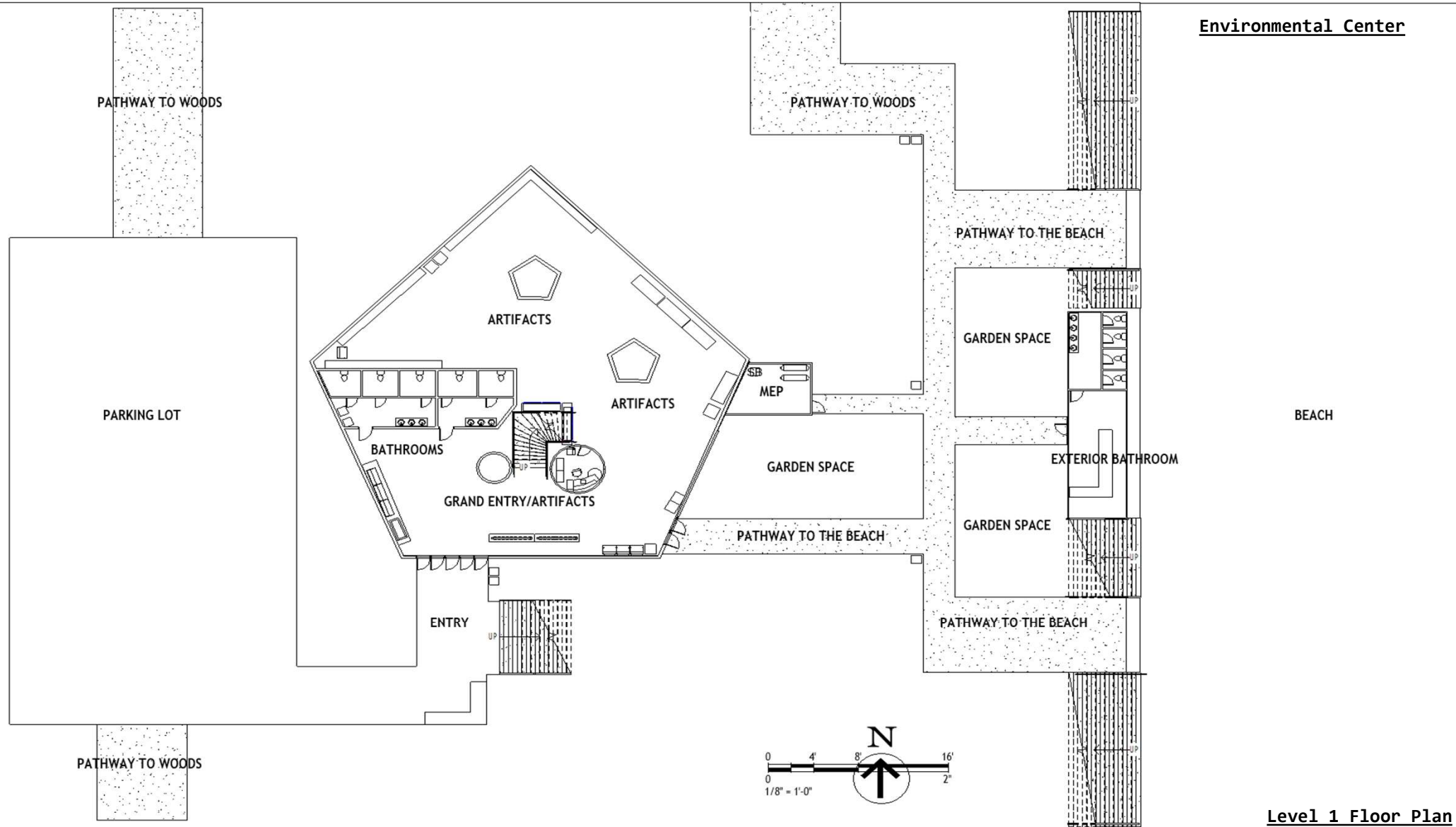
Reclaimed Slate For Roofs



Active- Solar Panels will be oriented specially towards to sun to produce solar power. All that produced power will go back into the building.



Environmental Center



Level 1 Floor Plan

Environmental Center

BEACH

Level 2 Floor Plan

PATHWAY TO WOODS

PARKING LOT

PATHWAY TO WOODS

PATHWAY TO WOODS

ADMIN AREA

ADMIN AREA

PUBLIC SPACE

CAFE AREA

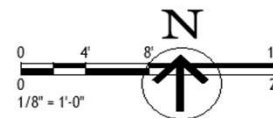
STAIRS TO NEXT FLOOR

ENTRY

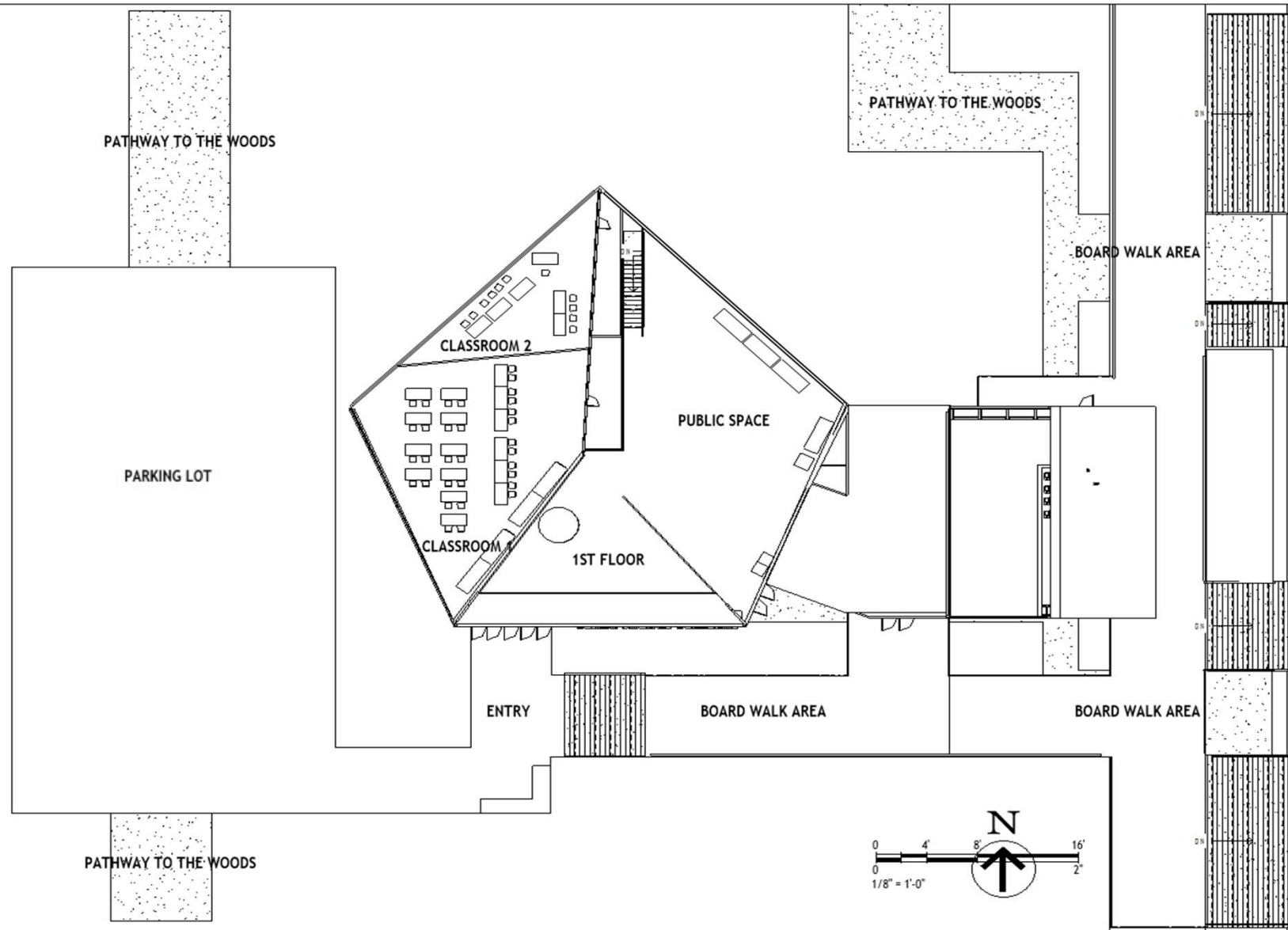
BOARD WALK AREA

BOARD WALK AREA

BOARD WALK AREA



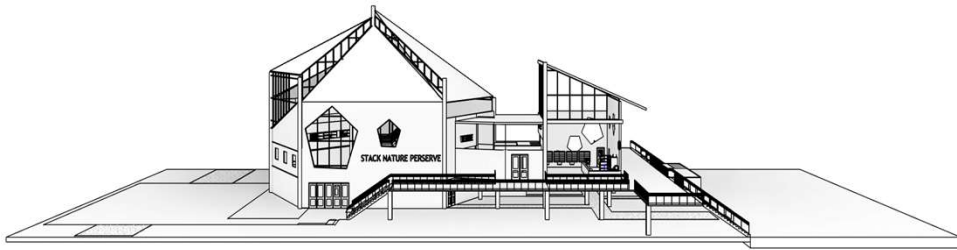
Environmental Center



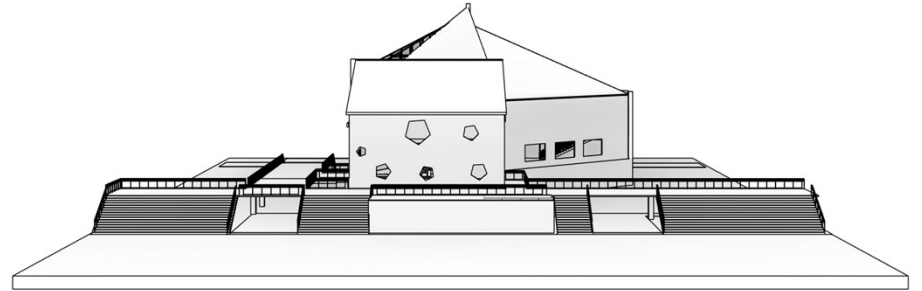
Level 3 Floor Plan

Environmental Center--Design III

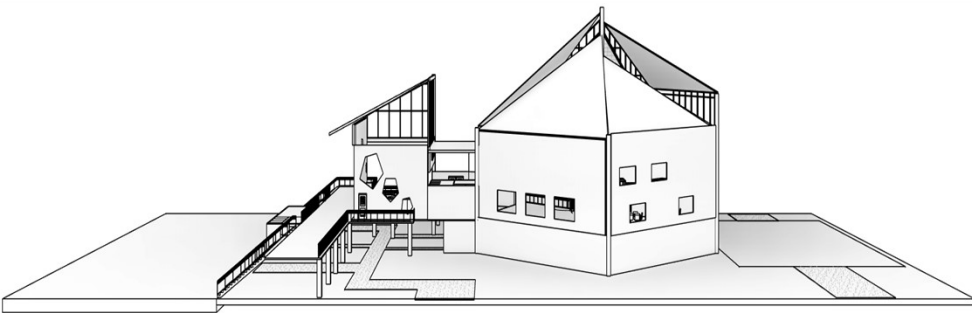
Exterior Elevations



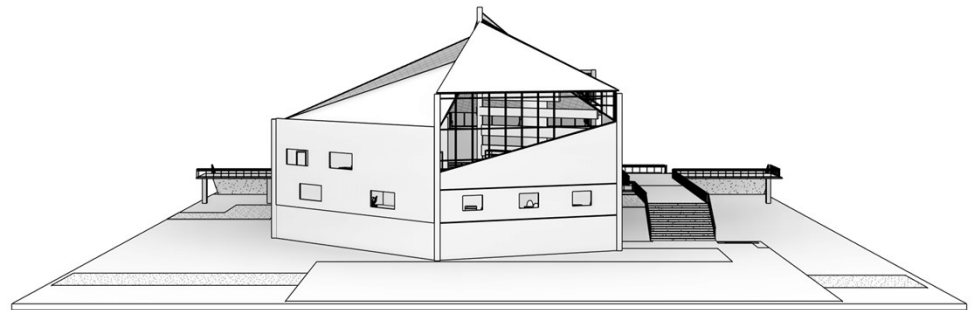
South Elevation



East Elevation



North Elevations

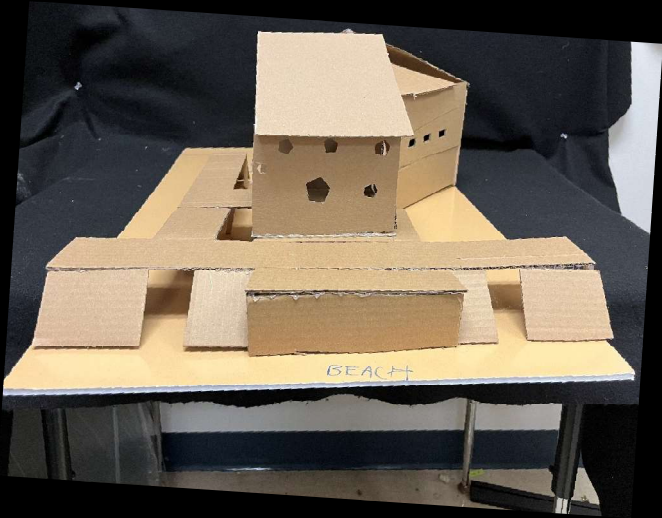


West Elevations

Environmental Center--Design III

Physical Models

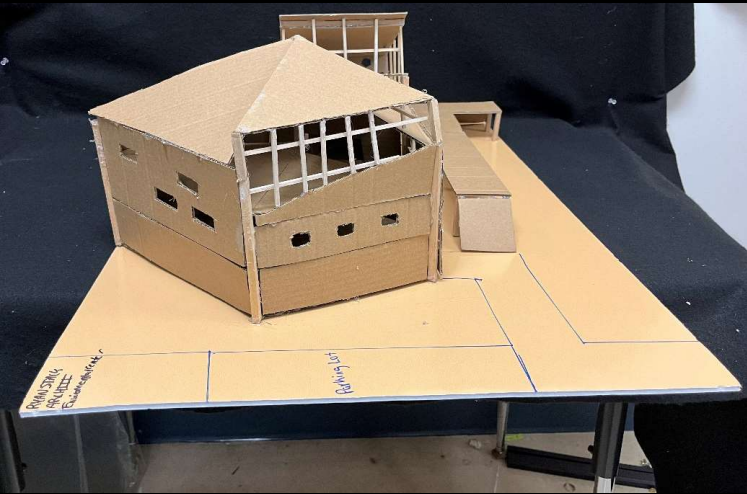
East Elevation



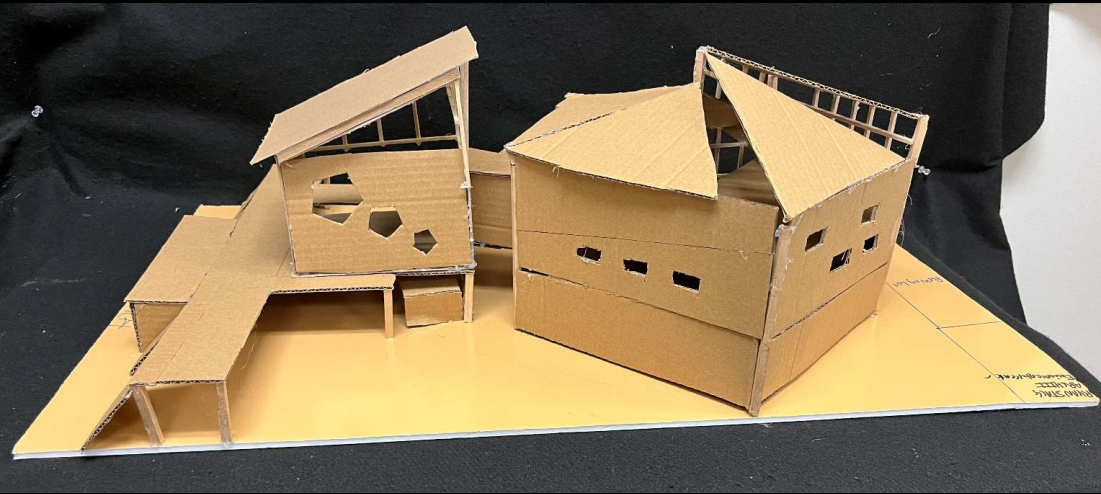
South Elevation



West Elevations



North Elevations



Environmental Center--Design III



Exteriors Renderings



Café Area



Exteriors Renderings



Exteriors Renderings

Environmental Center--Design III

Renderings



1st Floor

Garden Space



2nd Floor Public Space

Garden Space

High Rise Fitness Center-Design IV

Project Objective

Was given proper parameters and guidelines provided by our professor and was to choose an area on the Suny Orange campus, then take site measurements to make a private space with two other classmates eventually

Design Solution As A Group

-We wanted a quiet location so we could do our exercise with nobody disturbing anybody

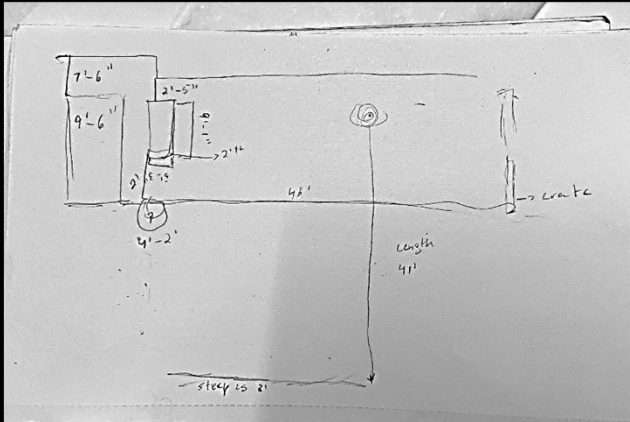
-The Open Field will give a sense of peace and if there are gaming's being played, we will have a ideal place to watch it



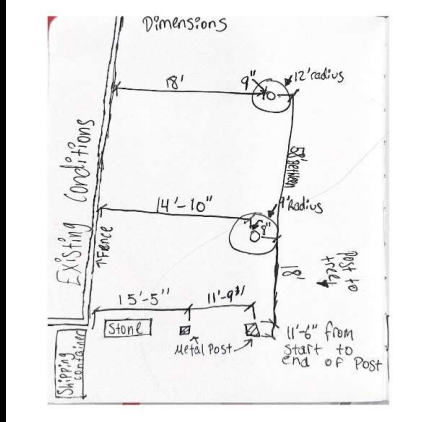
Location on Suny Orange Map



Site Analysis



Early Site Measurements



Site Measurements

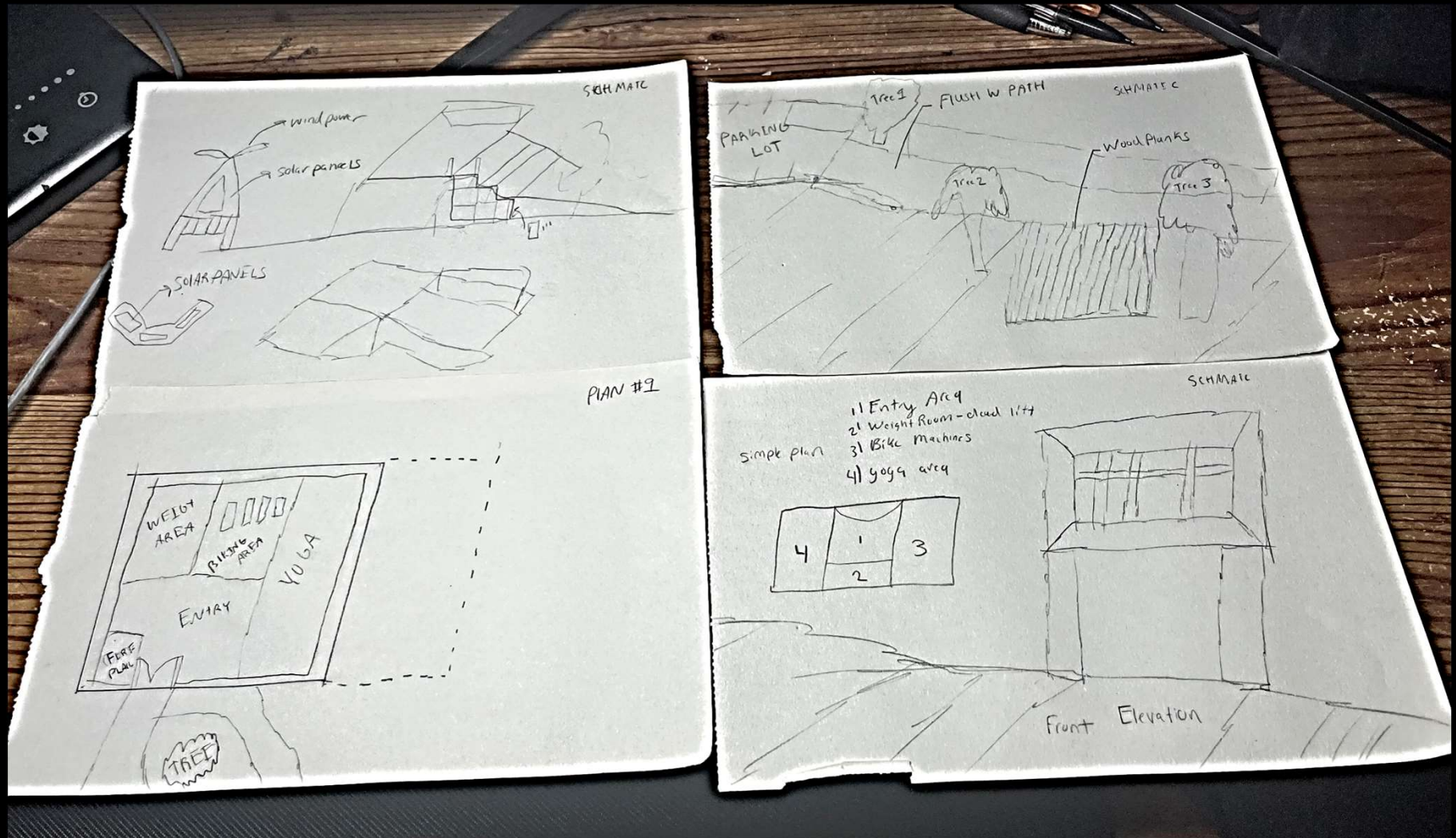


Site Analysis



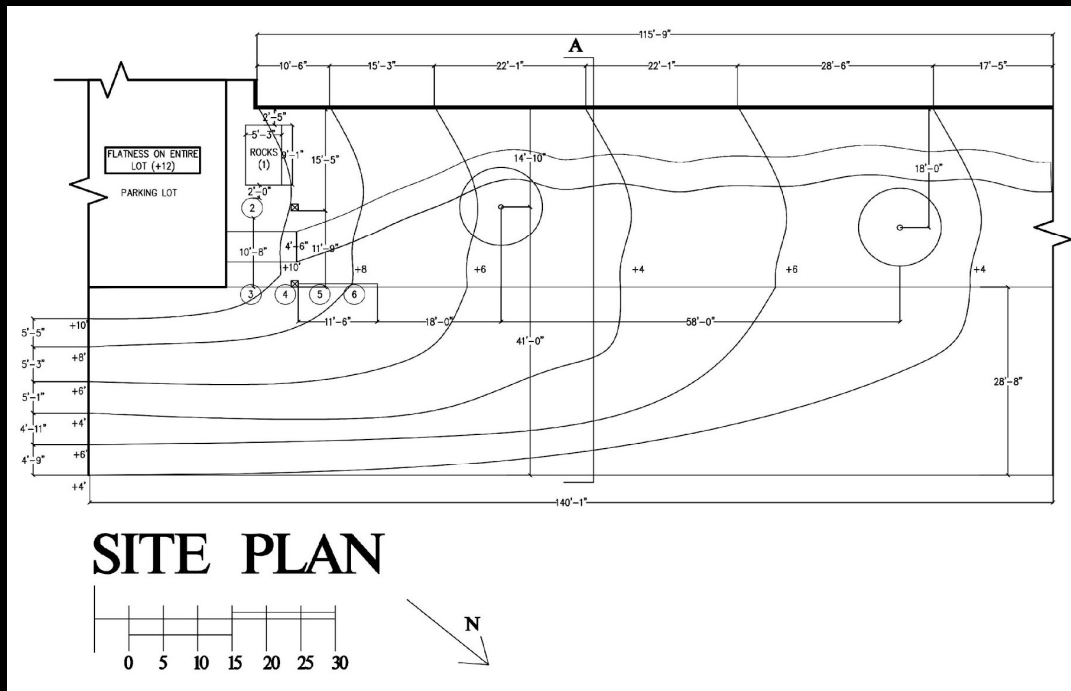
Site Analysis

High Rise Fitness Center-Design IV

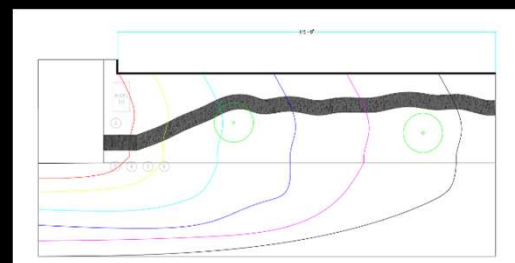


My own Preliminary Schematic Design Sketches before the collaboration with my team

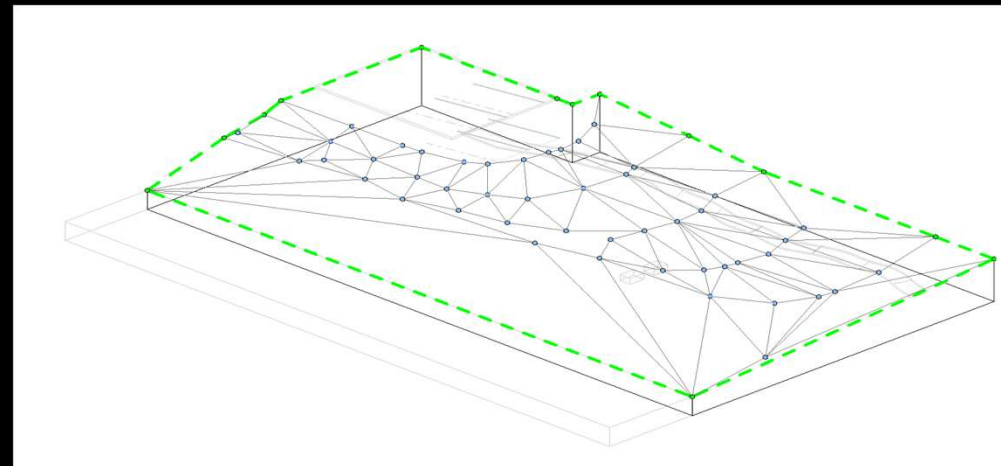
High Rise Fitness Center-Design IV



Dimension Done on CAD



Topography Done on CAD



Preliminary Topography



Preliminary Topography

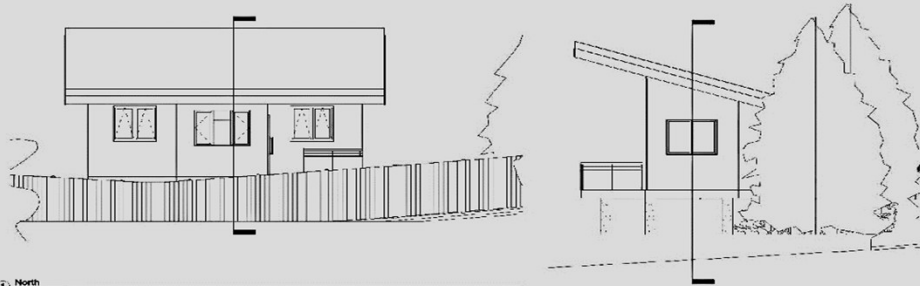
High Rise Fitness Center-Design IV



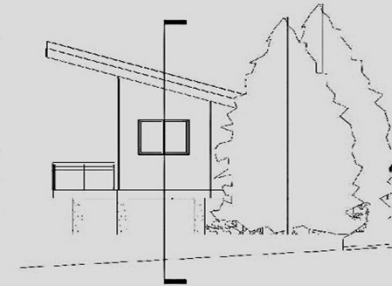
Existing Site Condition



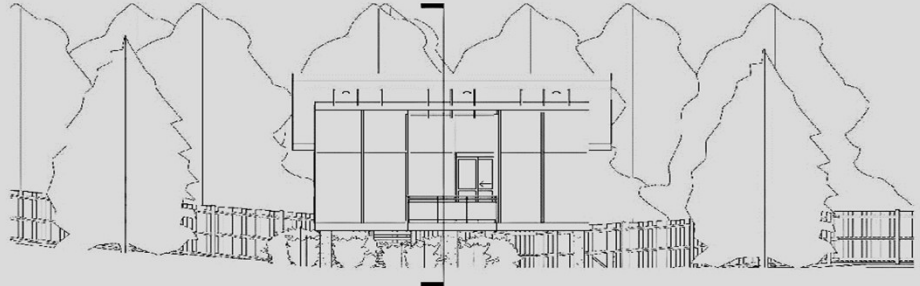
New Upgrades/Improvements



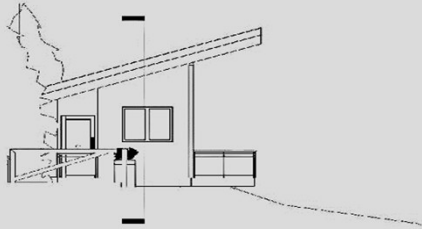
① North
3/16" = 1'-0"



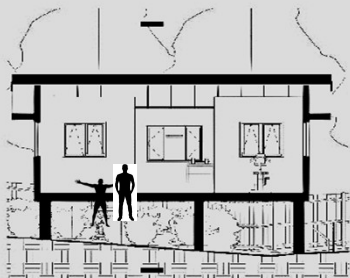
② East
3/16" = 1'-0"



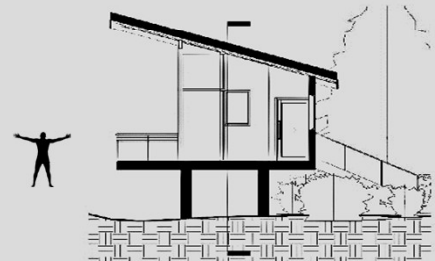
③ South
3/16" = 1'-0"



④ West
3/16" = 1'-0"



⑤ Section 1
3/16" = 1'-0"



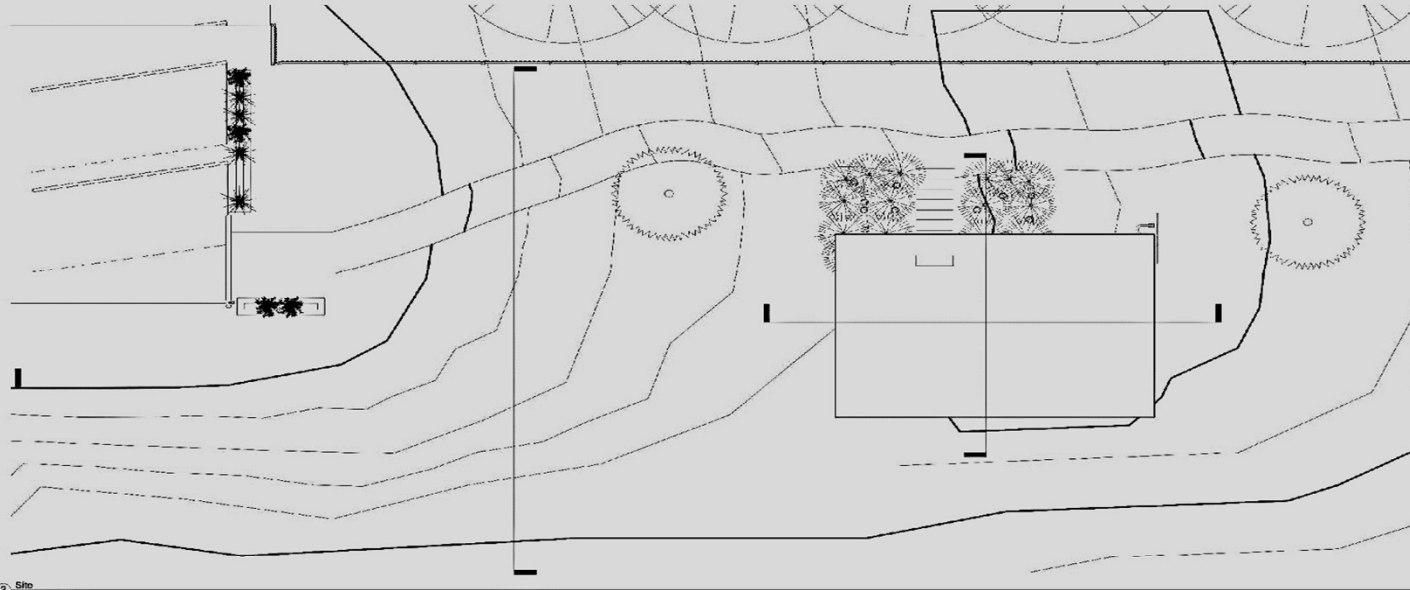
⑥ Section 2
3/16" = 1'-0"



CLASS: DES 4
PROFESSOR: PROFESSOR 4

PROJECT: HIGH RISE FITNESS CENTER
DESIGNED BY: TEAM TARP

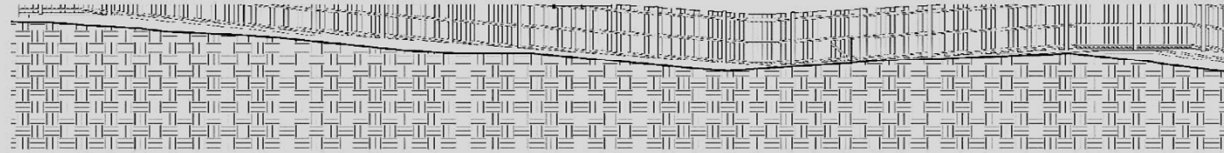
DRAWING No. A105
DATE: 02/15/24



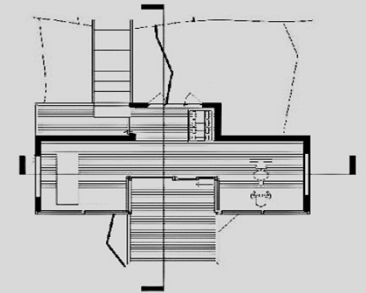
② Site
3/16" = 1'-0"



⑤ site sec
3/16" = 1'-0"



⑥ site sec 2
3/16" = 1'-0"



① Main Floor Plan
3/16" = 1'-0"



CLASS: DES 4
PROFESSOR: PROFESSOR P

PROJECT: HIGH RISE FITNESS CENTER
DESIGNED BY: TEAM TARP

DRAWING No. A104
DATE: 02/15/24

High Rise Fitness Center-Design IV



Final Physical Model

Project Objective

Design Solution

Was to follow these programmatic requirements listed below & Design a space for a RIC – Refugee Immigrant Center

-Once we all combined as a group me and my group members stressed importantly a sense of safety and calmness when entering our facility.

-Our Main Goal was to provide a lot of public and open space to the people in Atlanta Georgia.

18

Programmatic Requirements

The following are **minimum** requirements:

Entry area

- 80 sf.... Vestibule: airlock transition between interior and exterior
- 1,000-2,000 sf.... Lobby: including a reception counter with 3 staffed stations for intake and information, and a waiting area which can also accommodate event gathering and serves as a multifunctional space
- as needed.... Restrooms: (4) family and unisex restrooms as defined by the American Restroom Association (see resources page)

Staff and Support Areas

- 150 sf.... Director's Office
- 350 sf.... Conference Room: for 12 people
- 150 sf each.... Legal Offices: 3 private enclosed offices for immigration legal service referrals
- 100 sf each.... Support Service Offices or Stations: 8 spaces for services such as housing and rent relief assistance; mental health referrals; health care enrollment, school enrollment assistance, child care development; food and basic needs assistance, employment referrals and job coaching
- 800 sf.... Computer Training Lab
- 500 sf each.... Classrooms: 3 for ESL and other lectures and seminars

Misc

- 300 sf.... Workroom/Storage
- 200 sf.... Staff Break Room/Pantry
- 50 sf.... Janitor's Closet
- 10% of total sf.... Mechanical/Services
- as needed.... Circulation

Exterior Spaces

- Controlled exterior gathering space, locked when the facility is closed, with WiFi, charging stations, seating
- Public Space: for events and daily use, accessible to public 24/7, with WiFi, charging stations, seating, shade (200 sf minimum should be shaded)
- 32 minimum parking spaces

Submission Requirements

21

1. Project Description Document

Provide a written description of your concept and the design solution. Maximum 500 words. Letter sized (8-1/2" x 11") document, portrait orientation. Max .pdf size: 20 MB.
Submit one digital .pdf of this text document file.

1. Design Panels which include images and drawings. Two

24"x36" sheets, portrait orientation. Max .pdf size: 20 MB.
Submit one digital .pdf that includes **both** sheets. Include the following drawings and/or models (physical or digital):

- a. Site plan
- b. Floor plans (the ground floor may be combined with site plan into one image)
- c. Elevations, physical model and/or exterior renderings
- d. Building section(s)
- e. Interior rendering(s)
- f. Any additional drawings that help the jury understand your design and concept.

3. The official language is English.

4. All exterior images must include the site context including the proportions of surrounding building structures.

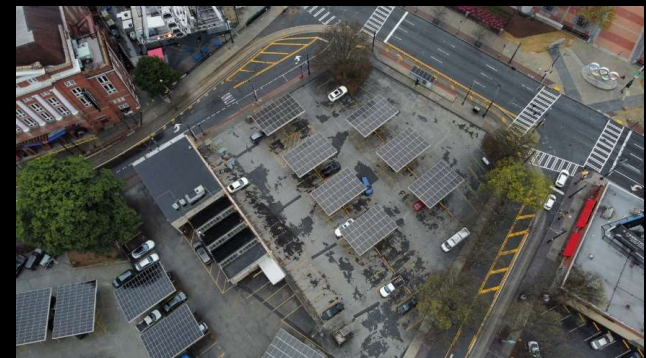
5. Do not include personal information such as designer/applicant name(s), information about the course, instructor or school on the submittal materials. Include only a project title and the registration number on the board. Registration numbers will be provided after the completed registration is received along with information about naming the files for submission.
6. The scale of all drawings and model(s) are at the discretion of the student. A graphic scale must be included on plans, sections and elevations.

Cultural Bridge Center- Design IV



Provided Site Plan

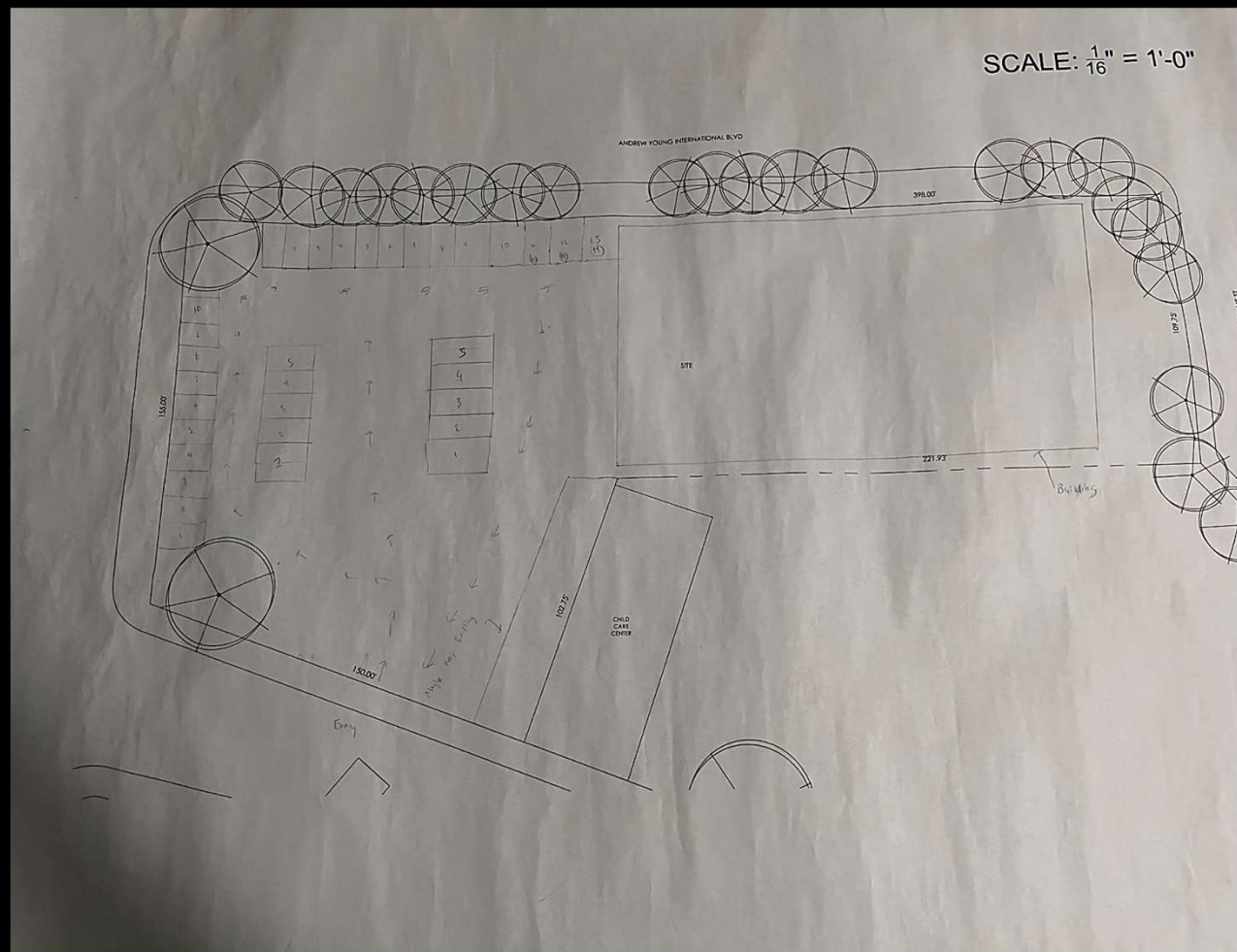
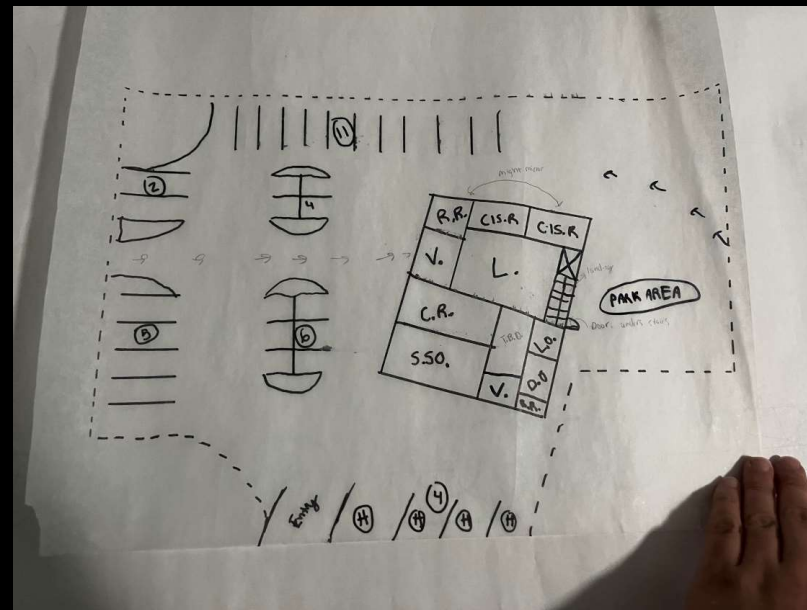
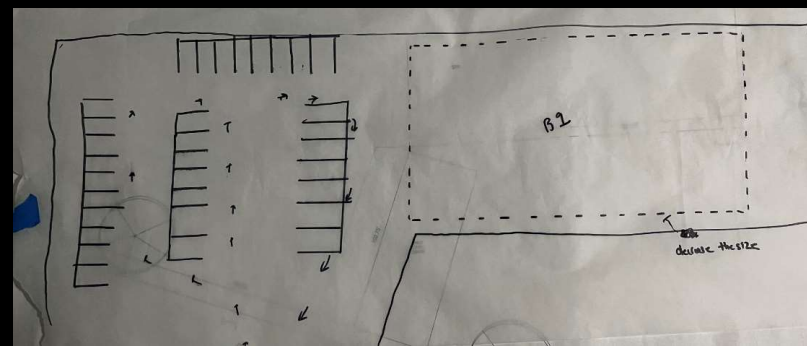
Being apart of a group 3 it broke we broke up the work evenly which helped a lot



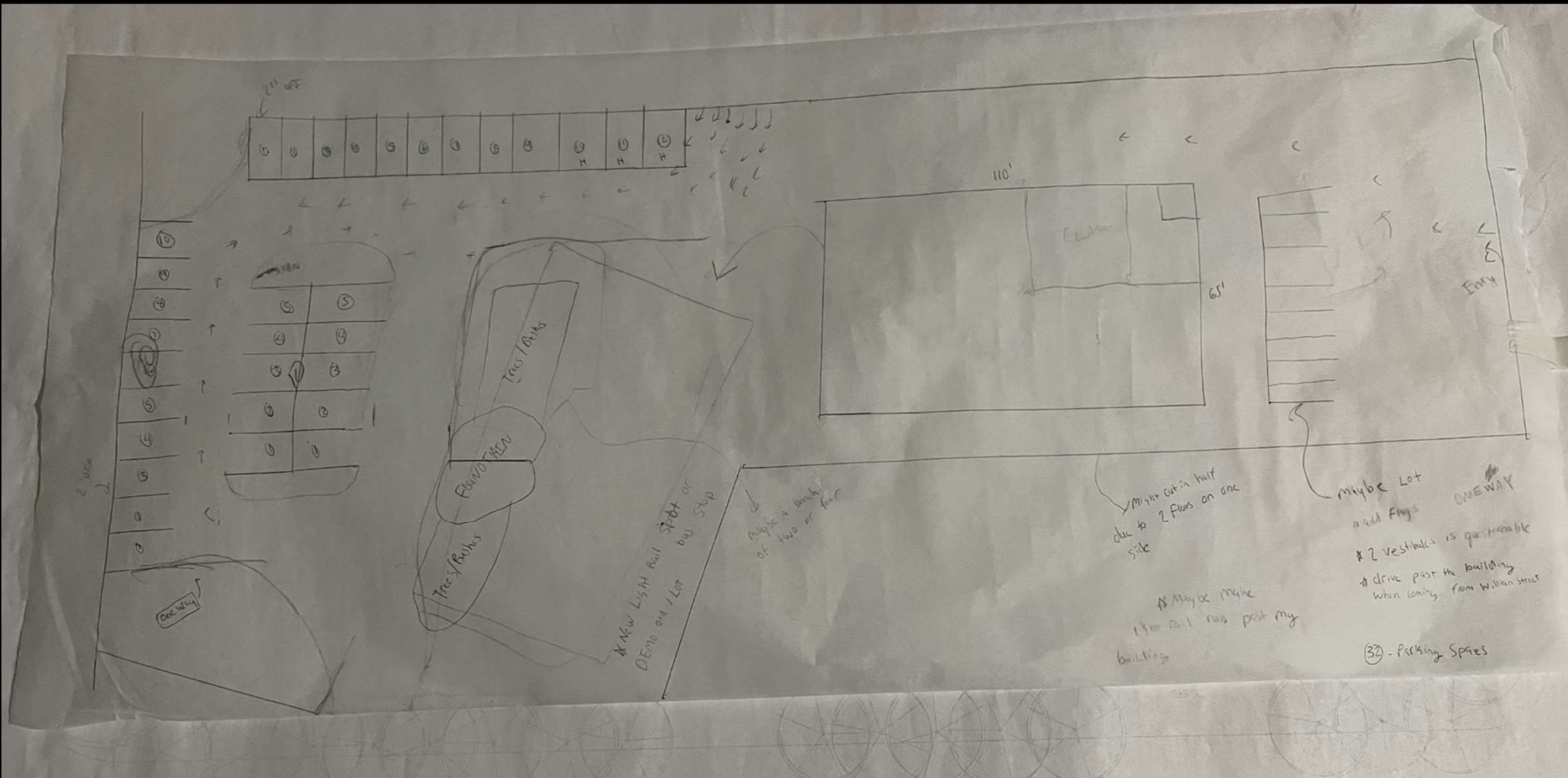
Existing Images

Cultural Bridge Center- Design IV

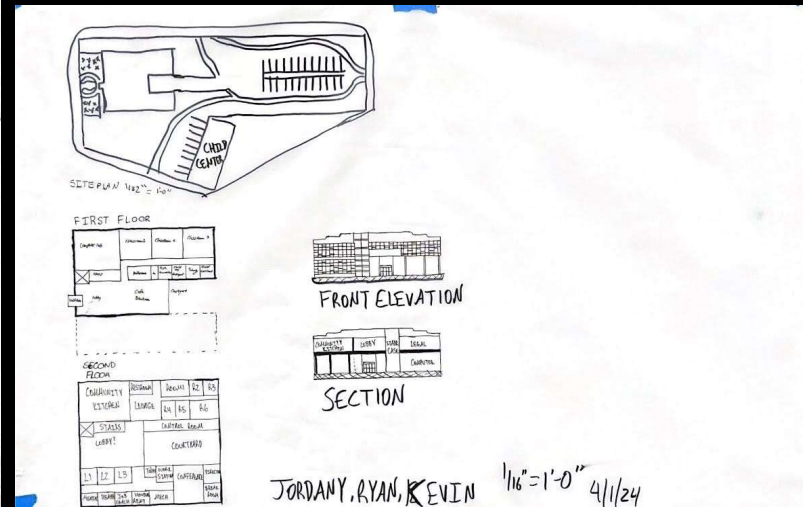
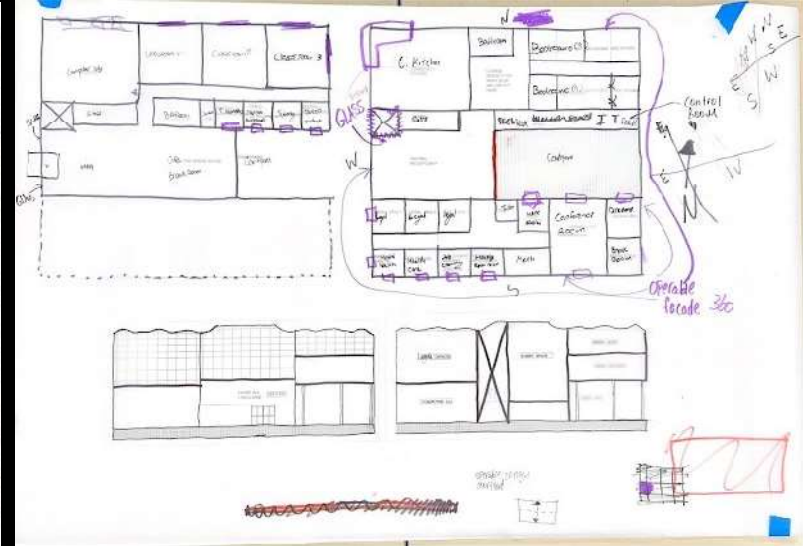
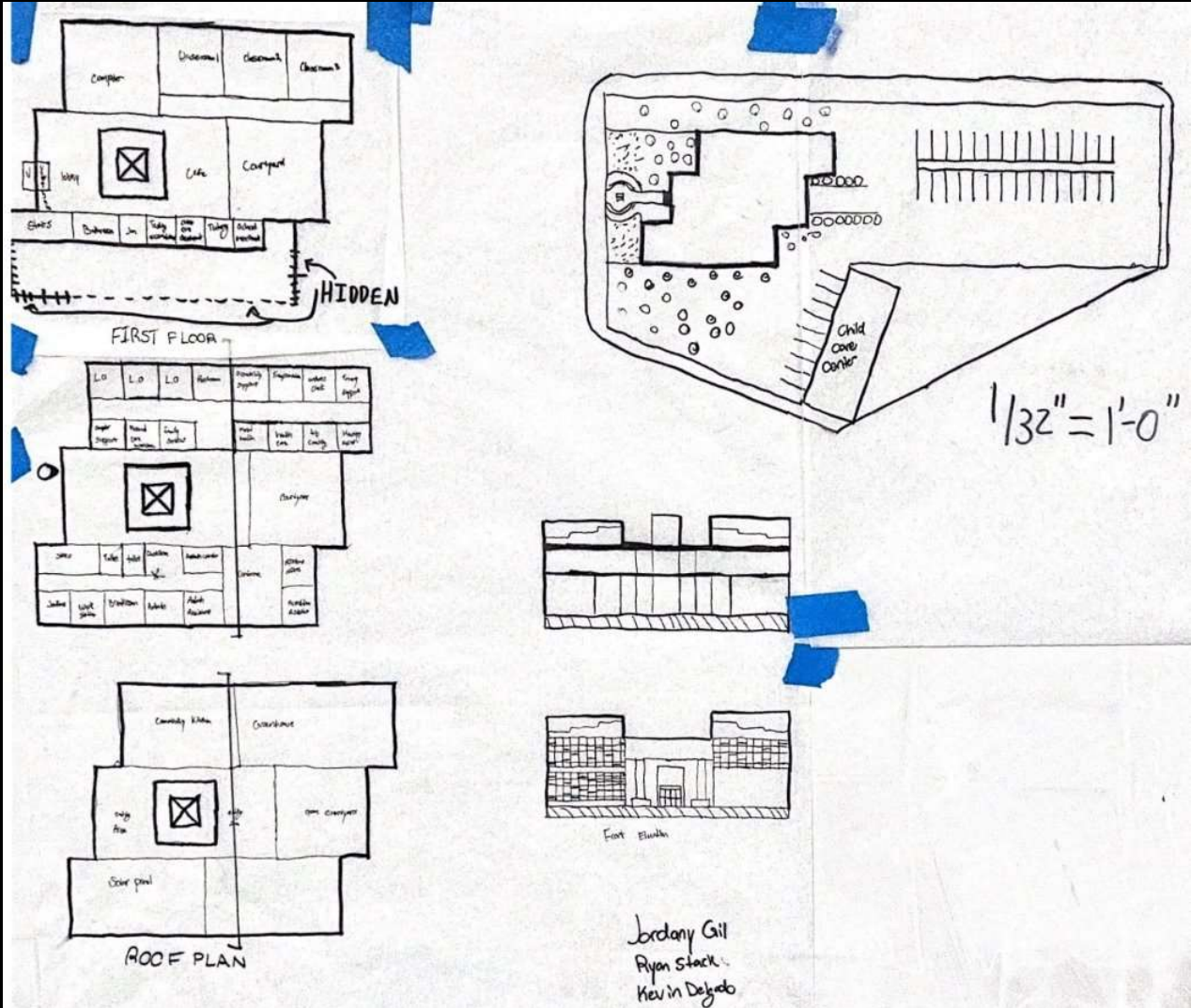
My own Parking Lot Preliminary Schematic Design Sketches before the collaboration with my team



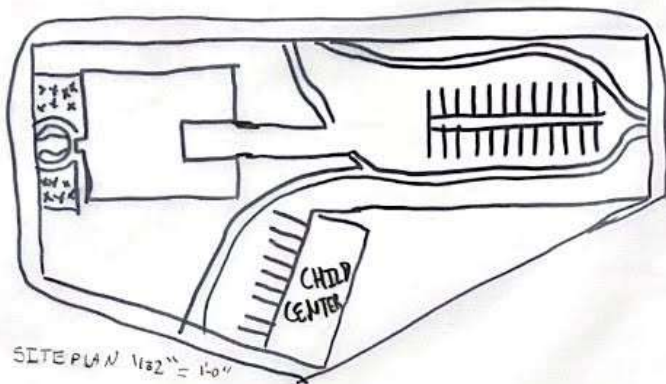
My own Parking Lot Preliminary Schematic Design Sketches before the collaboration with my team



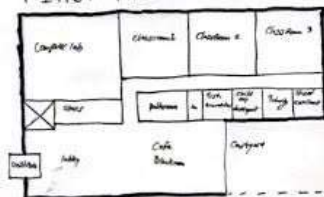
Early Preliminary Building Sketches



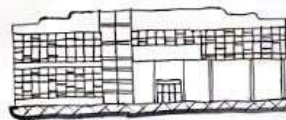
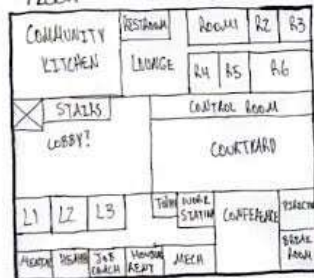
Early Preliminary Building Sketches



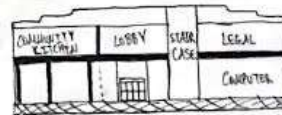
FIRST FLOOR



SECOND FLOOR



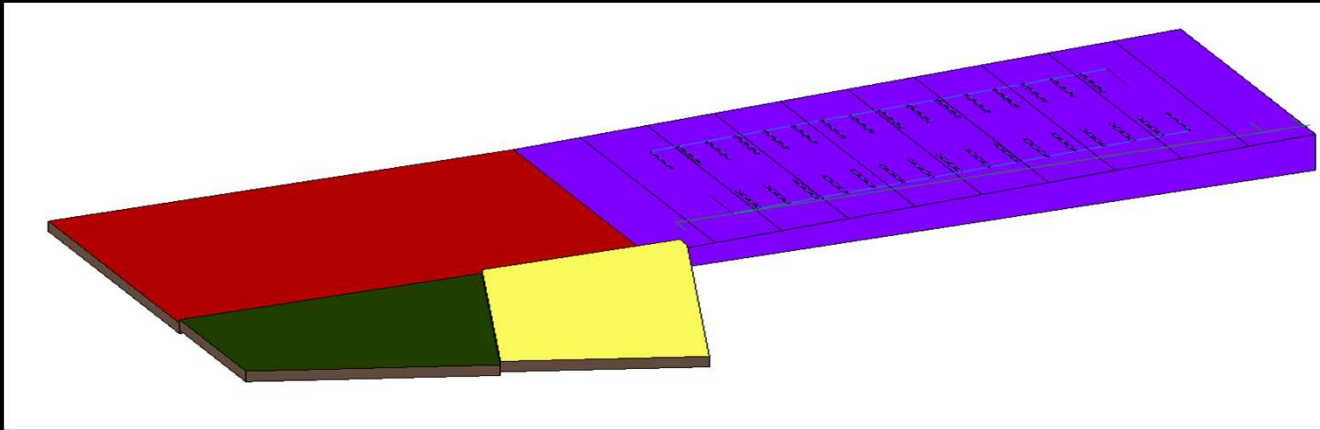
FRONT ELEVATION



SECTION

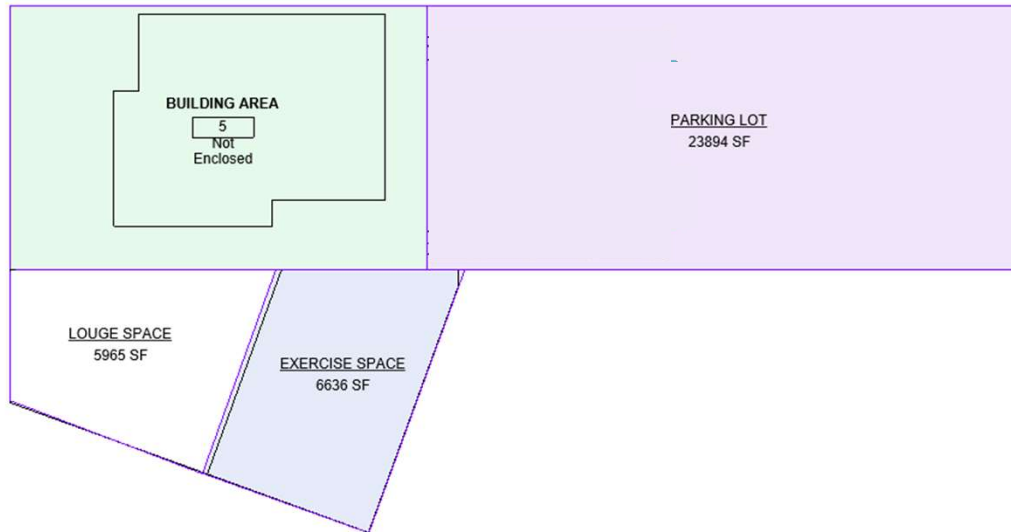
JORDANY, RYAN, KEVIN 1/16" = 1'-0" 4/1/24

Early Topography Ideas Sketches

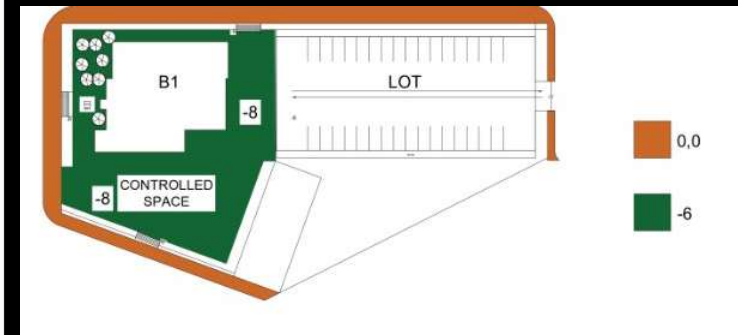
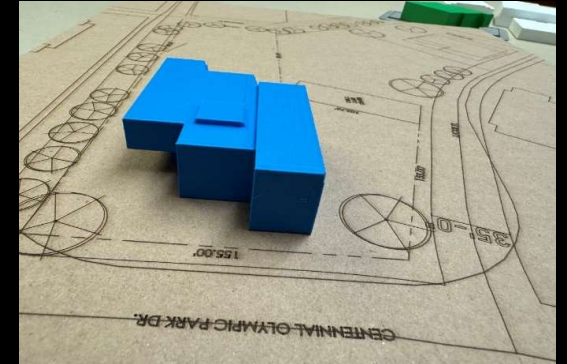
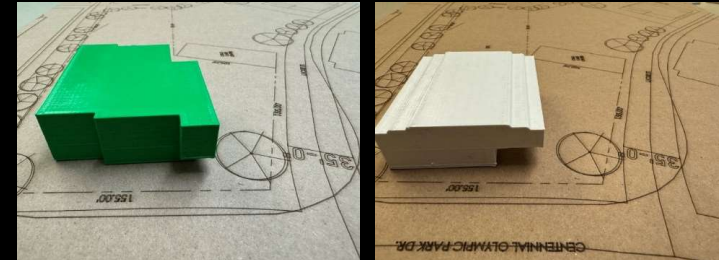


Legend

- BUILDING AREA
- EXERCISE SPACE
- LOUGE SPACE
- PARKING LOT




Early 3D Building Mass Model



Early Topography Ideas Sketches

Cultural Bridge Center-
Design IV



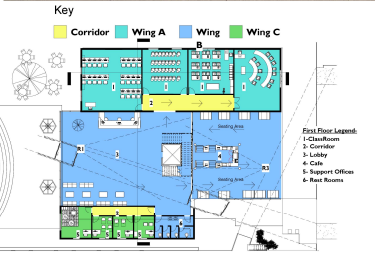
Cultural Bridge Center

Jordany Gil
Ryan Stack
Kevin Delgado

Cultural Bridge Center unlocks opportunities and embraces diversity. The most noticeable feature is the X pathway that cuts through the building and connects to many different points from the site. Representing how people from different places should gather together and connect

Key


Corridor Wing A Wing B Wing C



First Floor Legend:

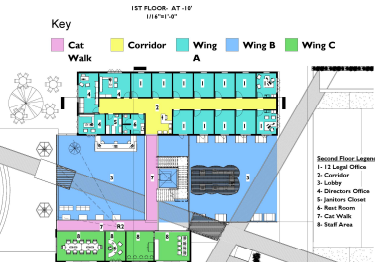
1. Classroom
2. Corridor
3. Lobby
4. Cafe
5. Support Offices
6. Rest Rooms

1ST FLOOR: AT -10'
118'x112'-0"



Key


Cat Walk Corridor Wing A Wing B Wing C



Second Floor Legend:

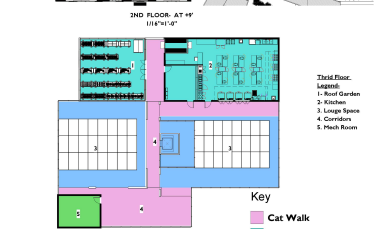
1. 12 Legal Office
2. Corridor
3. Lobby
4. Directors Office
5. Justice Court
6. Rest Room
7. Cat Walk
8. Staff Area

2ND FLOOR: AT +1'
118'x112'-0"



Key

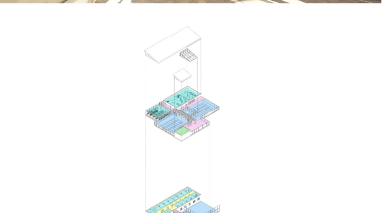
Cat Walk Wing A Wing B Wing C



Third Floor Legend:

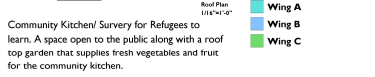
1. Roof Garden
2. Kitchen
3. Lounge Space
4. Corridor
5. Rest Room

3RD FLOOR: AT +2'
118'x112'-0"



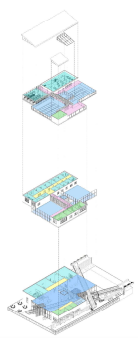
Key

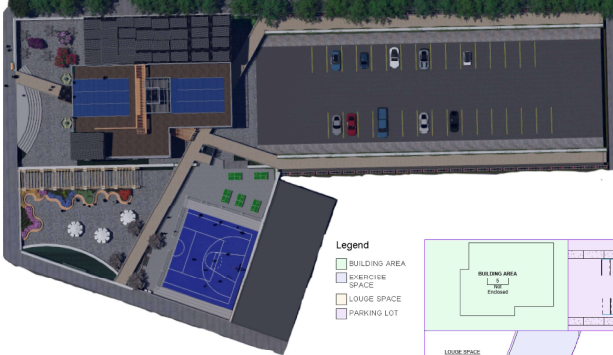
Cat Walk Wing A Wing B Wing C



Roof Plan: AT +3'
118'x112'-0"

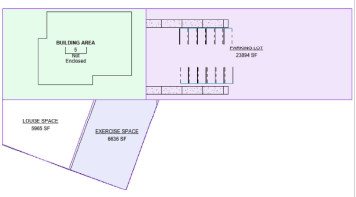
Community Kitchen/ Survey for Refugees to learn. A space open to the public along with a roof top garden that supplies fresh vegetables and fruit for the community kitchen.





Legend


- BUILDING AREA
- EXERCISE SPACE
- LOUNGE SPACE
- PARKING LOT




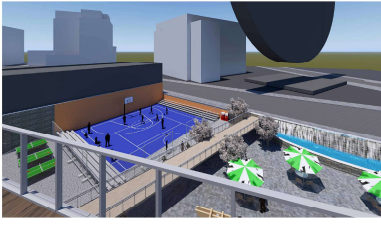
LOUNGE SPACE: 2000 SF
EXERCISE SPACE: 800 SF


The Cultural Bridge Center will provide many outdoor areas and activities


- The site is recessed in the ground. Creating 2 distinct spaces for where the building sits.











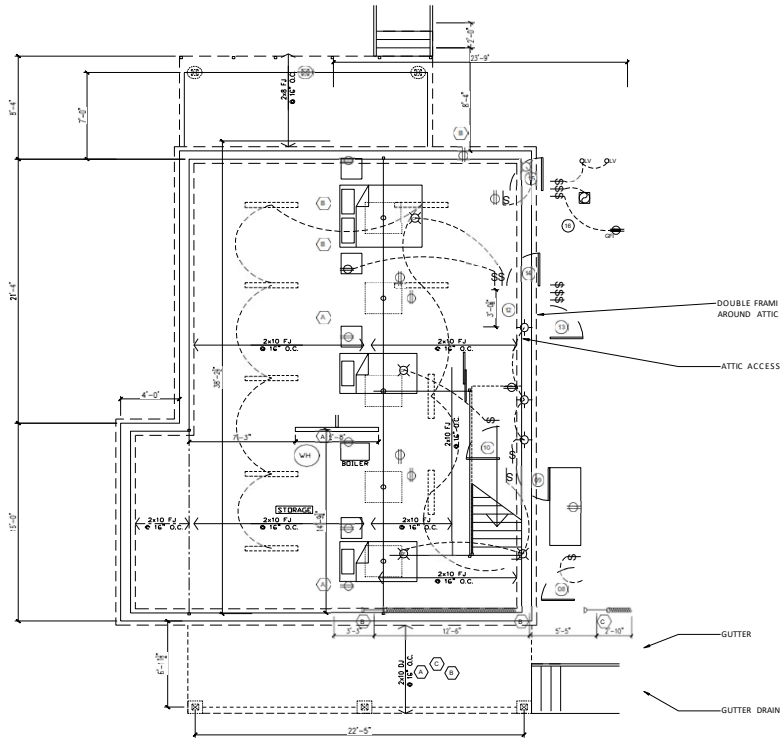
Final 2 Sheets

TO BUILDING 31'-0"

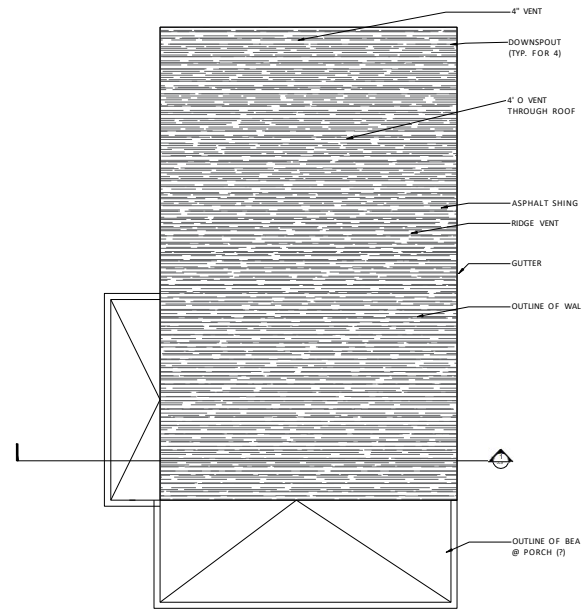
ROOF FLOOR 21'-0"

2nd floor 10'-0"

1st floor -10'-0"



1 SECOND FLOOR PLAN
A-3 SCALE: $\frac{1}{4}" = 1'-0"$



2 ROOF PLAN
A-3 SCALE: $\frac{1}{4}" = 1'-0"$



SUNY Orange
115 South Street
Middletown, NY

SUBMITTED BY:
RYAN STACK

SUBMITTED TO:
MR. PASSAROTTI

WORKING
DRAWINGS 1

CLASS OF 2023

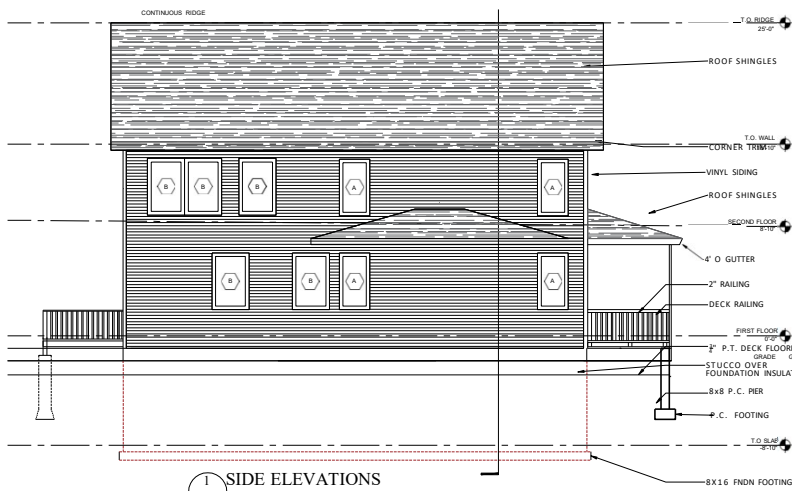
PROJECT TITLE:
PROPOSED
RESIDENCE
1 GAY STREET
MIDDLETOWN, NY 12540

DRAWING TITLE:
FLOOR PLANS

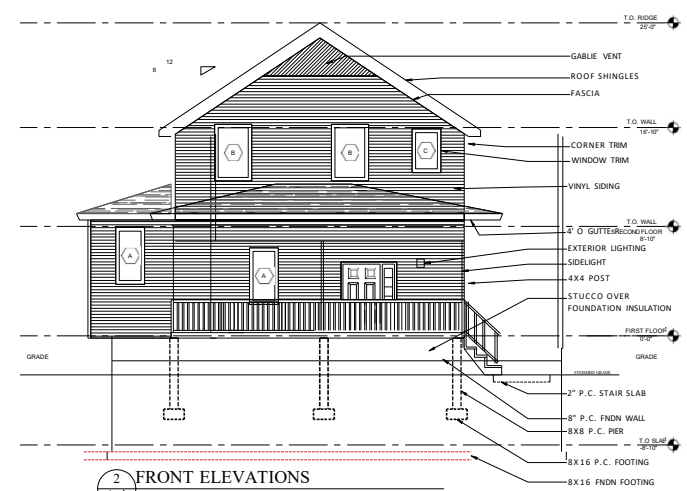
DRAWN BY: JESSE
CHECKED BY: JESSE
DATE: 12/10/2023

PROJECT NUMBER:

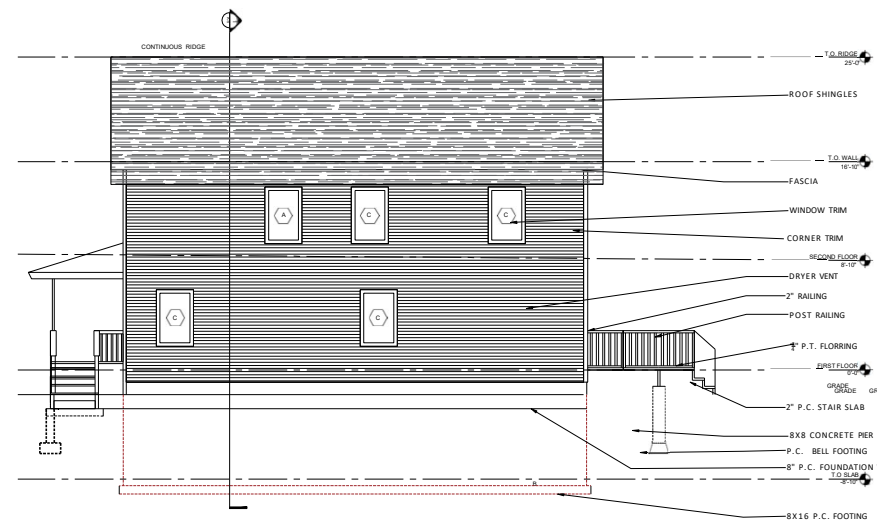
A-3



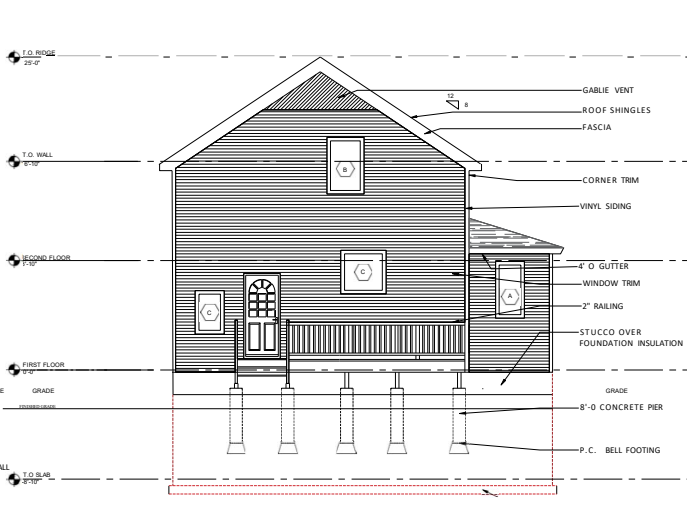
1 SIDE ELEVATIONS
A-4
SCALE: $\frac{1}{4}" = 1'-0"$



2 FRONT ELEVATIONS
A-4
SCALE: $\frac{1}{4}" = 1'-0"$



3 SIDE ELEVATIONS
A-4
SCALE: $\frac{1}{4}" = 1'-0"$



4 REAR ELEVATIONS
A-4
SCALE: $\frac{1}{4}" = 1'-0"$



SUNY Orange
115 South Street
Middletown, NY

SUBMITTED BY:
RYAN STACK

SUBMITTED TO:
MR. PASSAROTTI

WORKING
DRAWINGS 1

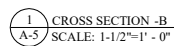
CLASS OF 2023

7. 1916 12/08/1921

PROJECT TITLE
PROPOSED
RESIDENCE
1 COW STREET
MIDDLETOWN, NY 12548

DRAWING TITLE
ELEVATIONS

DRAWN BY: TSC
CHECKED BY: TSC
DATE: 12/10/2023
PAGE NUMBER: 1 OF 1
A-4
Z OF 8



WINDOW SCHEDULE

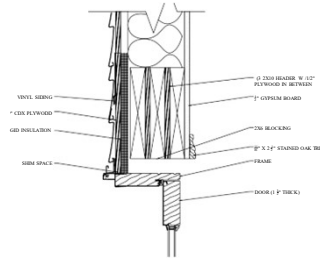
NUMBER	MANUF. / CAT. NO.	TYPE	R.O.	NOTES
A	ANDERSEN 400 SERIES	CASEMENT	2'-0" x 4'-0"	PROVIDE EXTENSION JAMBS, SCREWS, HARDWARE ETC. AS REQ'D FOR A COMPLETE INSTALLATION.
A	ANDERSEN 400 SERIES	CASEMENT	2'-0" x 4'-0"	
B	ANDERSEN 400 SERIES	CASEMENT	3'-0" x 4'-0"	
B	ANDERSEN 400 SERIES	CASEMENT	3'-0" x 4'-0"	
C	ANDERSEN 400 SERIES	CASEMENT	2'-0" x 3'-0"	
C	ANDERSEN 400 SERIES	CASEMENT	2'-0" x 3'-0"	

DOOR SCHEDULE

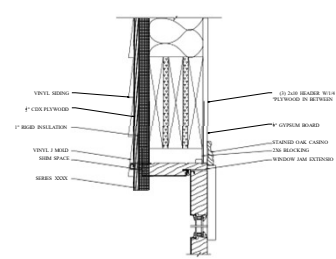
NO.	MANUF.	SIZE	TYPE	R.O.	NOTES
01	ANDERSEN 400 SERIES	3'-0" x 6'-8"	LEFT HAND	4'-2" x 6'-10"	SIDELIGHT
02	ANDERSEN 400 SERIES	4'-0" x 6'-8"	SLIDING DOOR	4'-2" x 6'-10"	
03	ANDERSEN 400 SERIES	4'-0" x 6'-8"	SLIDING DOOR	4'-2" x 6'-10"	
04	ANDERSEN 400 SERIES	2'-8" x 6'-8"	RIGHT DOOR	2'-10" x 6'-10"	
05	ANDERSEN 400 SERIES	2'-8" x 6'-8"	LEFT HAND	2'-10" x 6'-10"	
06	ANDERSEN 400 SERIES	2'-8" x 6'-8"	RIGHT DOOR	2'-10" x 6'-10"	
07	ANDERSEN 400 SERIES	3'-0" x 6'-8"	RIGHT DOOR	2'-10" x 6'-10"	
08	ANDERSEN 400 SERIES	2'-8" x 6'-8"	RIGHT DOOR	2'-10" x 6'-10"	
09	ANDERSEN 400 SERIES	2'-8" x 6'-8"	RIGHT DOOR	2'-10" x 6'-10"	
10	ANDERSEN 400 SERIES	2'-8" x 6'-8"	LEFT HAND	2'-10" x 6'-10"	
11	ANDERSEN 400 SERIES	2'-8" x 6'-8"	SLIDING DOOR	6'-2" x 6'-10"	
12	ANDERSEN 400 SERIES	6'-0" x 6'-8"	RIGHT DOOR	2'-2" x 6'-10"	
13	ANDERSEN 400 SERIES	2'-0" x 6'-8"	RIGHT DOOR	2'-10" x 6'-10"	
14	ANDERSEN 400 SERIES	2'-8" x 6'-8"	RIGHT DOOR	2'-10" x 6'-10"	
15	ANDERSEN 400 SERIES	2'-6" x 6'-8"	RIGHT DOOR	2'-8" x 6'-10"	
16	ANDERSEN 400 SERIES	2'-8" x 6'-8"	RIGHT DOOR	2'-10" x 6'-10"	

DOOR INFORMATION

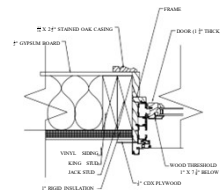
- ROUGH OPENINGS - ALL INTERIOR DOOR ROUGH OPENINGS ARE 2" LARGER THAN DOOR SIZE (HEIGHT AND WIDTH). ALL EXTERIOR DOOR ROUGH OPENINGS ARE AS PER DOOR MANUFACTURER - VERIFY IN FIELD.
- ANY GLASS IN DOORS, WINDOWS OR SIDELIGHTS WITHIN 18" OF THE FLOOR SHALL BE TEMPERED.



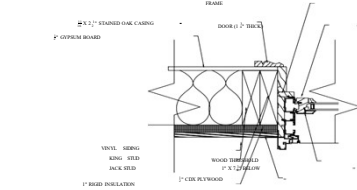
2 WINDOW JAMB DETAIL
SCALE: 3/4" = 1' - 0"



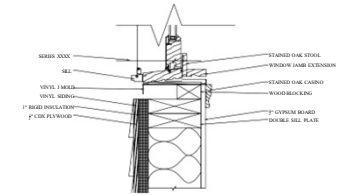
1 DOOR JAMB DETAIL
SCALE: 3/4" = 1' - 0"



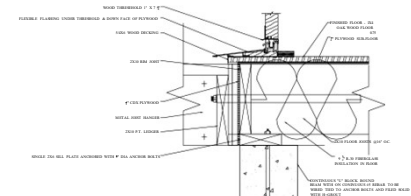
1 WINDOW JAMB DETAIL
SCALE: 1-1/2" = 1' - 0"



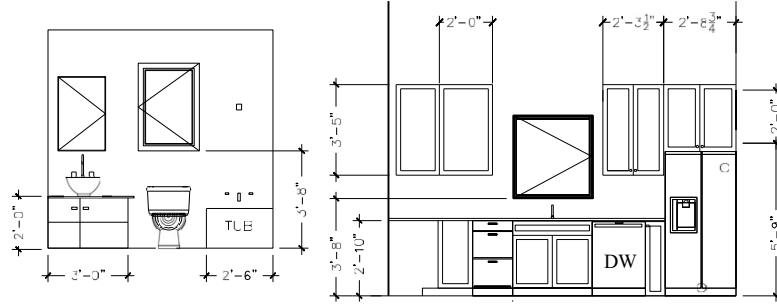
5 DOOR JAMB DETAIL
SCALE: 3/4" = 1' - 0"



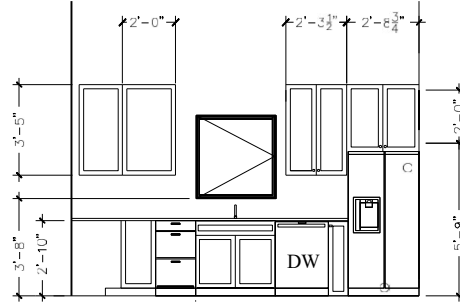
6 WINDOW SILL DETAIL
SCALE: 3/4" = 1' - 0"



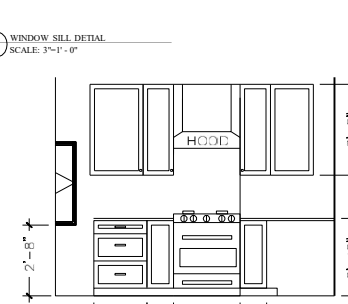
7 WINDOW SILL DETAIL
SCALE: 3/4" = 1' - 0"



2 BATHROOM SECTION
SCALE: 3/4" = 1' - 0"



8 KITCHEN SECTION
SCALE: 3/4" = 1' - 0"



8 KITCHEN SECTION
SCALE: 3/4" = 1' - 0"



SUNY Orange
115 South Street
Middletown, NY
SUBMITTED BY:
RYAN STACK

SUBMITTED TO:
MR. PASSAROTTI

WORKING
DRAWINGS 1

CLASS OF 2023

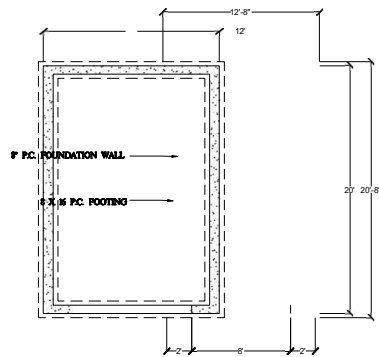
7 DATE: 12/08/2023
PROJECT TITLE:
PROPOSED
RESIDENCE
1 COW STREET
MIDDLETOWN, NY 12548

DRAWING TITLE:
DOOR, WINDOWS
AND FINISHED
SCHEDULES &
DETAILS AND
INTERIOR
ELEVATIONS

DRAWN BY: RJS
CHECKED BY: RJS
DATE: 12/08/2023

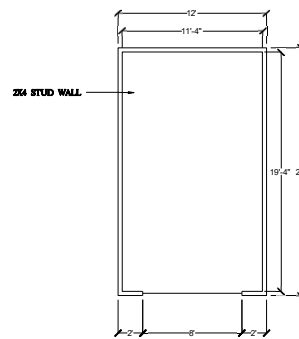
PROJECT NUMBER:
A-6

OF 8



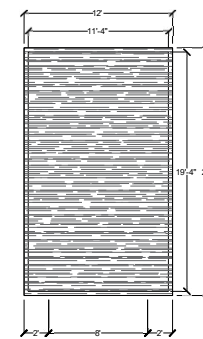
FOUNDATION PLAN

SCALE: $\frac{1}{4}" = 1'-0"$



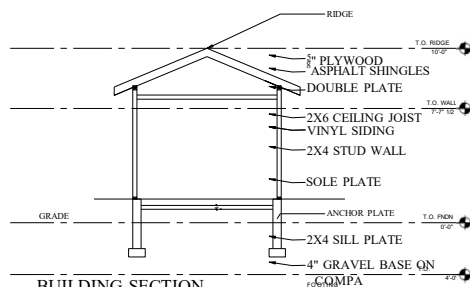
FLOOR PLAN

SCALE: $\frac{1}{4}" = 1'-0"$



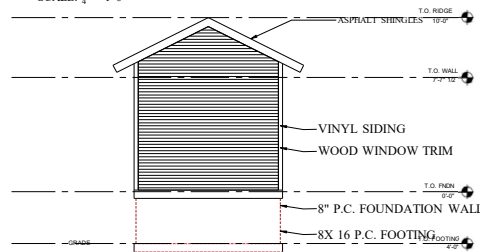
ROOF PLAN

SCALE: $\frac{1}{4}" = 1'-0"$



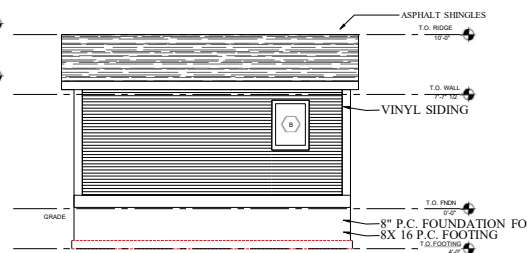
BUILDING SECTION

SCALE: $\frac{1}{2}" = 1'-0"$



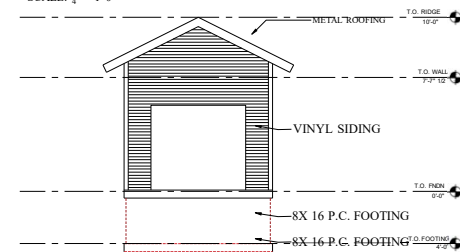
REAR ELEVATIONS

SCALE: $\frac{1}{4}" = 1'-0"$



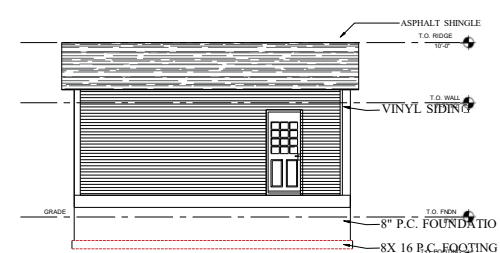
SIDE ELEVATIONS

SCALE: $\frac{1}{4}" = 1'-0"$



FRONT ELEVATIONS

SCALE: $\frac{1}{4}" = 1'-0"$



SIDE ELEVATIONS ELEVATIONS

SCALE: $\frac{1}{4}" = 1'-0"$



SUNY Orange
115 South Street
Middletown, NY

SUBMITTED BY:
RYAN STACK

SUBMITTED TO:
MR. PASSAROTTI

WORKING
DRAWINGS 1

CLASS OF 2023

PROJECT TITLE
PROPOSED
RESIDENCE
1 GAW STREET
MIDDLETOWN, NY 12548

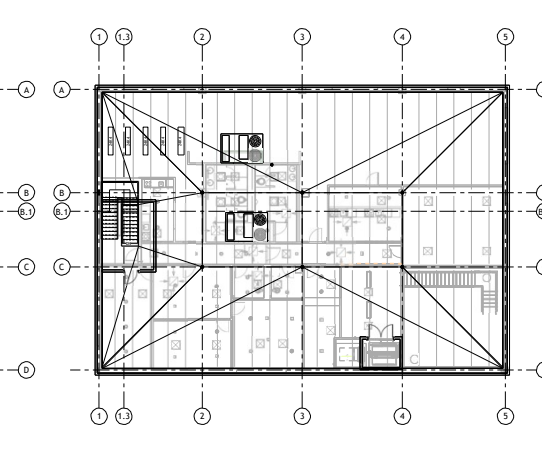
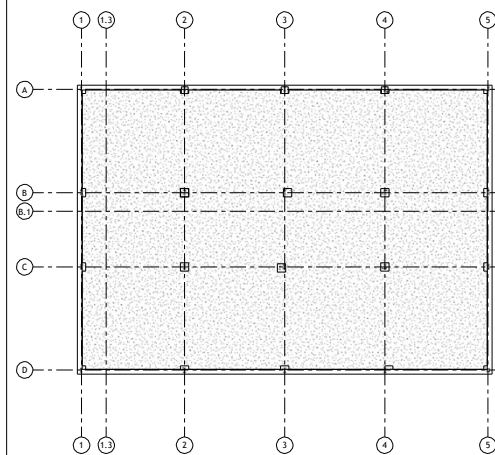
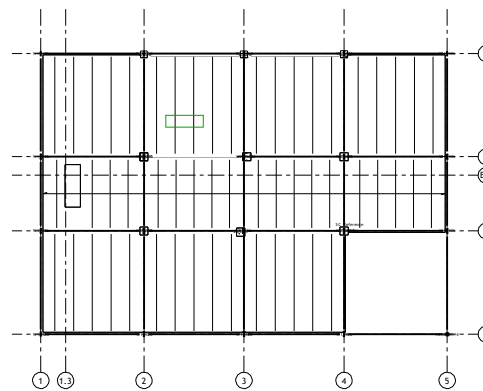
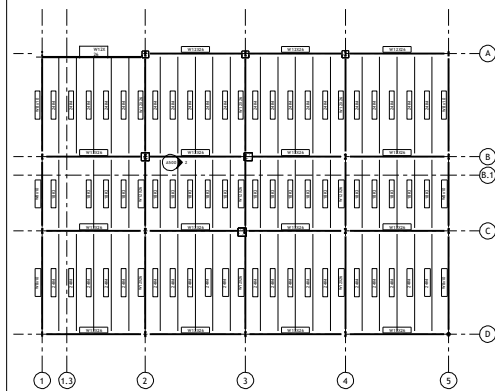
DRAWING TITLE
GARAGE FLOOR
PLANS, ELEVATIONS
& SECTIONS

DRAWN BY: DATE: CHECKED BY: DATE: DESIGNED BY: DATE: SCALE: 1/4" = 1'-0"

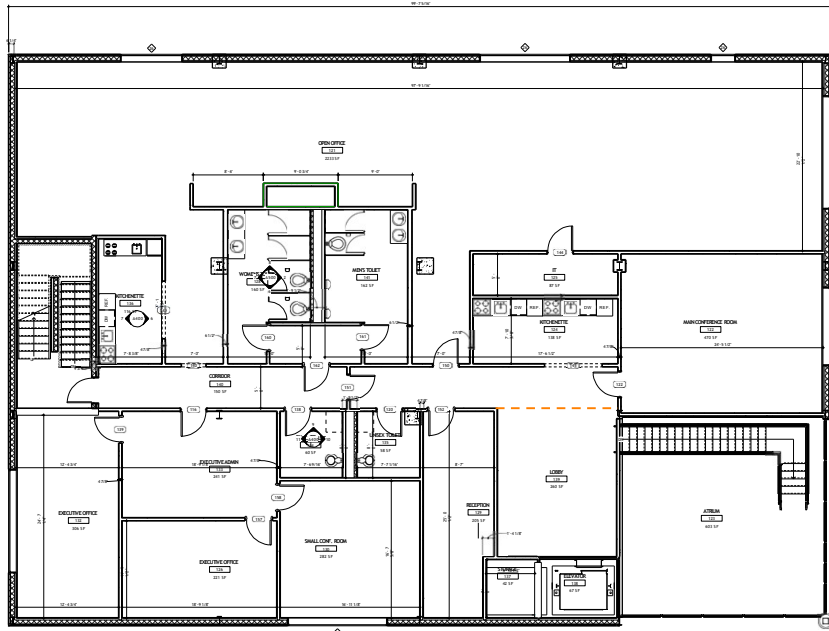
PAGE NUMBER: **A-7**
7 OF 8

Working Drawings II

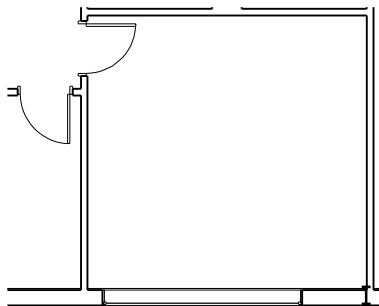
- Commercial Construction Set A-10

[illegible]

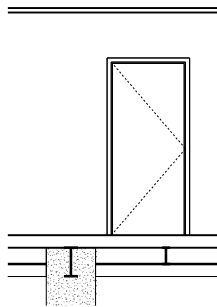
Client	Mr. Cool Guy
Project	WD II Set
Floor Foundation Filter	
Project number	
Date	5/12/24
Drawn by	RS
Checked by	JP
A101	
Scale	As



1. 2nd Floor



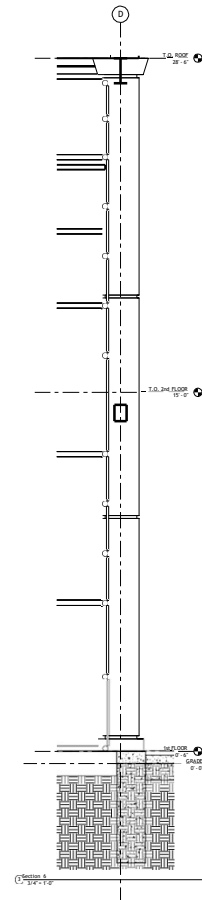
2. Section 11 Front View of Conference Room



3. Section 12 Front View of Conference Room

SYMBOLS LEGEND

	BUILDING ELEVATION CALLOUT
	INTERIOR ELEVATION CALLOUT
	BUILDING SECTION CALLOUT
	WALL SECTION CALLOUT
	DETAIL CALLOUT
	DOOR TAG
	WINDOW/STOREFRONT/CURTAIN WALL TAG
	WALL TAG
	STRUCTURAL GRID LINE
	ROOM NAME
	ROOM TAG
	LEVEL/ELEVATION TAG



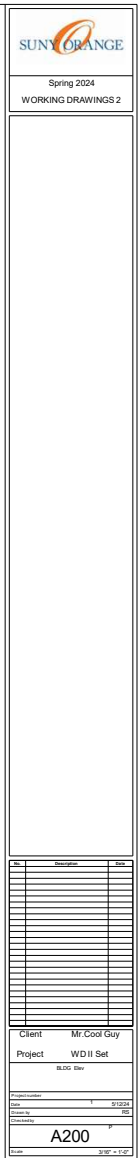
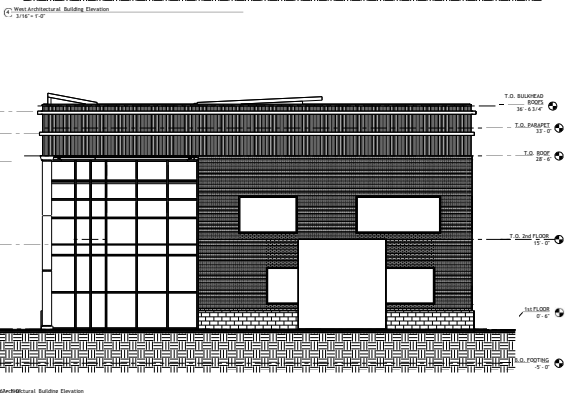
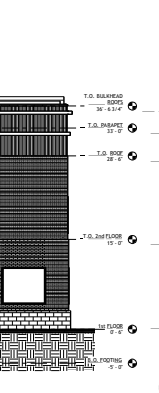
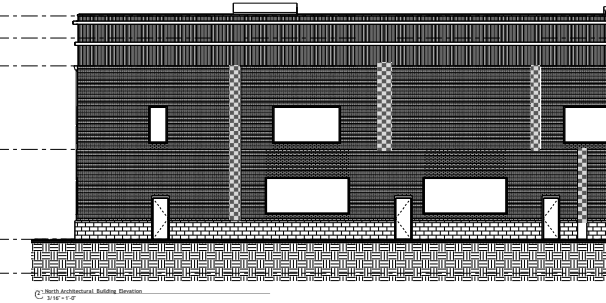
Spring 2024
WORKING DRAWINGS 2

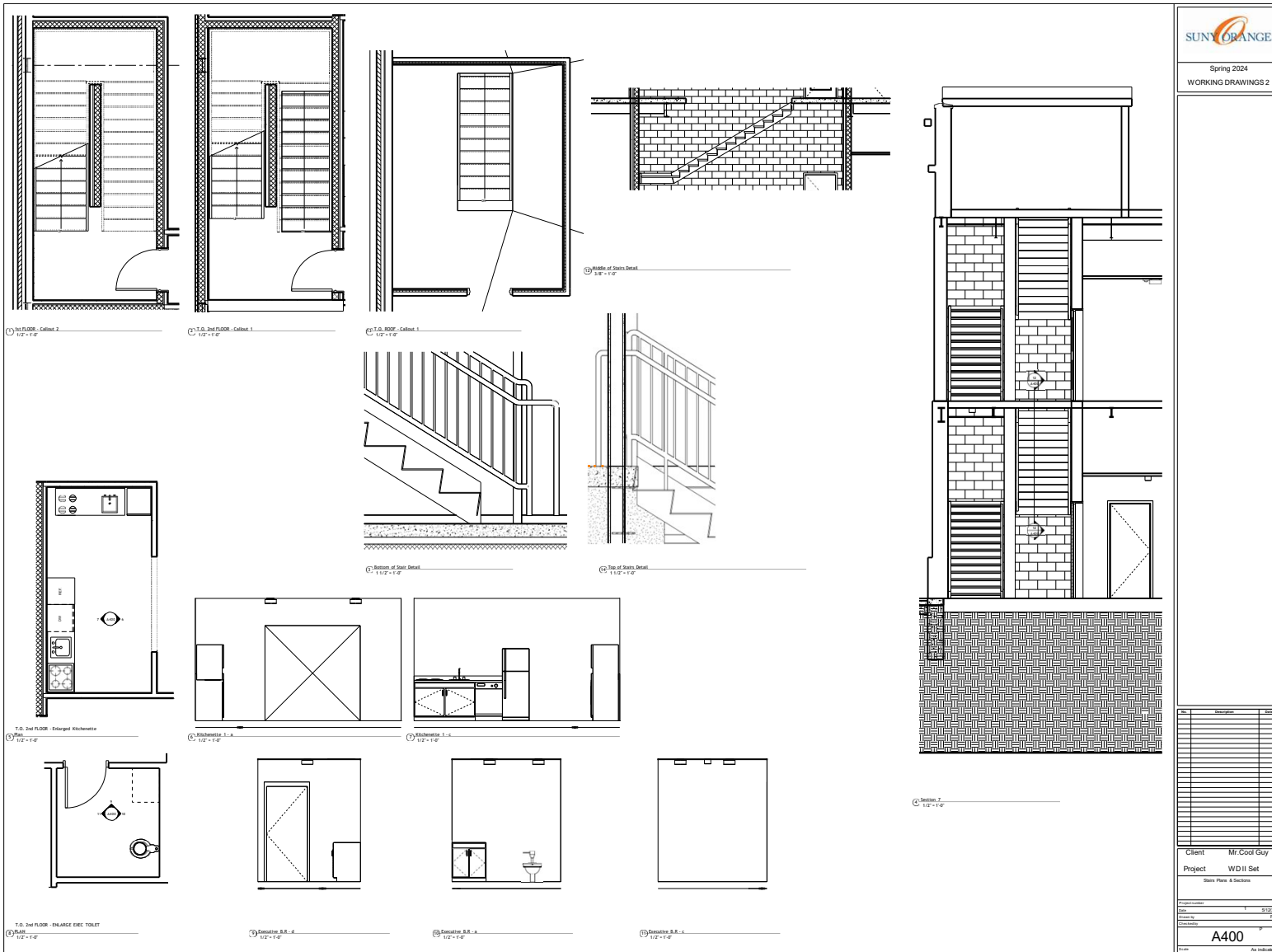
Client	Mr. Cool Guy
Project	WD II Set
2nd Floor	
Revision	Project Number
Drawn By	Checked By
Scale	Sheet
A104	

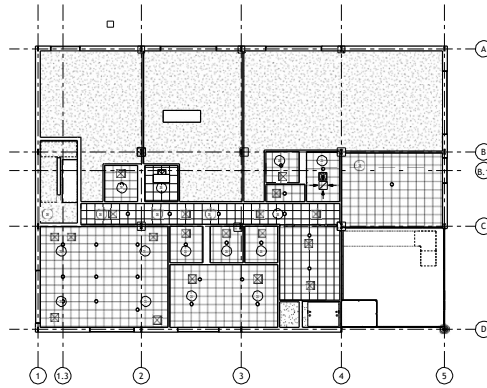


Client	Mr. Cool Guy
Project	WD II Set
Building Section	
Project number	
Date	9/13/24
Drawn by	RS
Checked by	
A300	
Scale	As indicated

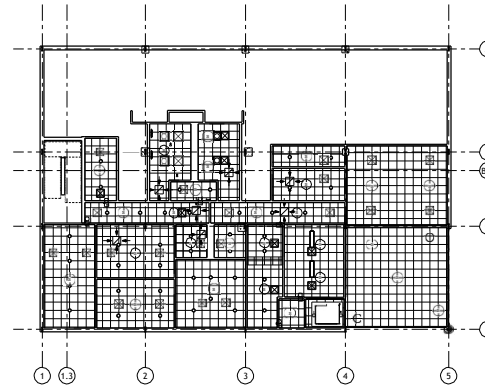
Window Schedule											
Day	Time	Activity	Room	Teacher	Notes	Remarks	Signature	Date	Initials	Remarks	Signature
Mon	8:00 - 8:30	Math	Room 101	Mr. Smith							
Mon	8:30 - 9:00	Science	Room 102	Ms. Jones							
Mon	9:00 - 9:30	History	Room 103	Mr. Brown							
Mon	9:30 - 10:00	Art	Room 104	Ms. Davis							
Mon	10:00 - 10:30	Music	Room 105	Mr. Wilson							
Mon	10:30 - 11:00	Physical Education	Room 106	Ms. Garcia							
Mon	11:00 - 11:30	Lunch	Room 107	Mr. Miller							
Mon	11:30 - 12:00	Math	Room 108	Ms. Lee							
Mon	12:00 - 12:30	Science	Room 109	Mr. King							
Mon	12:30 - 1:00	History	Room 110	Ms. Hall							
Mon	1:00 - 1:30	Art	Room 111	Mr. Young							
Mon	1:30 - 2:00	Music	Room 112	Ms. Adams							
Mon	2:00 - 2:30	Physical Education	Room 113	Mr. Baker							
Mon	2:30 - 3:00	Lunch	Room 114	Ms. Clark							
Mon	3:00 - 3:30	Math	Room 115	Mr. Evans							
Mon	3:30 - 4:00	Science	Room 116	Ms. Foster							
Mon	4:00 - 4:30	History	Room 117	Mr. Green							
Mon	4:30 - 5:00	Art	Room 118	Ms. Hill							
Mon	5:00 - 5:30	Music	Room 119	Mr. Jackson							
Mon	5:30 - 6:00	Physical Education	Room 120	Ms. King							



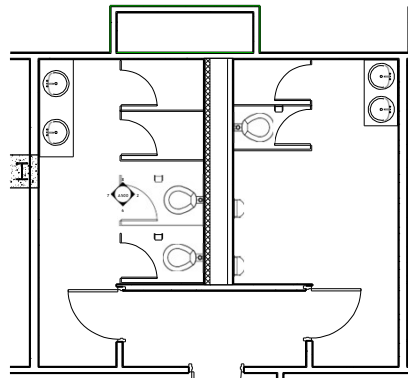




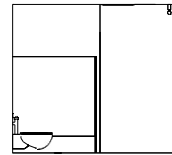
1st FLOOR
1/8" = 1'-0"



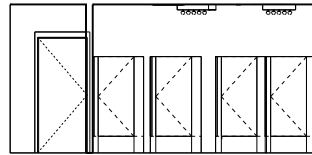
2nd FLOOR
1/8" = 1'-0"



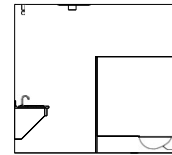
2nd FLOOR - Entrance Area, Toilet Room
1/8" = 1'-0"



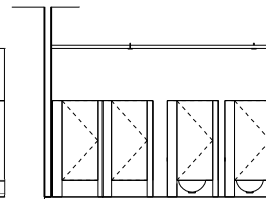
2nd Floor, R.R. 1.1
1/8" = 1'-0"



2nd Floor, R.R. 1.2
1/8" = 1'-0"

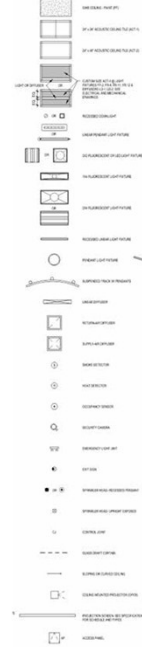


2nd Floor, R.R. 1.3
1/8" = 1'-0"



2nd Floor, R.R. 1.4
1/8" = 1'-0"

CEILING LEGEND



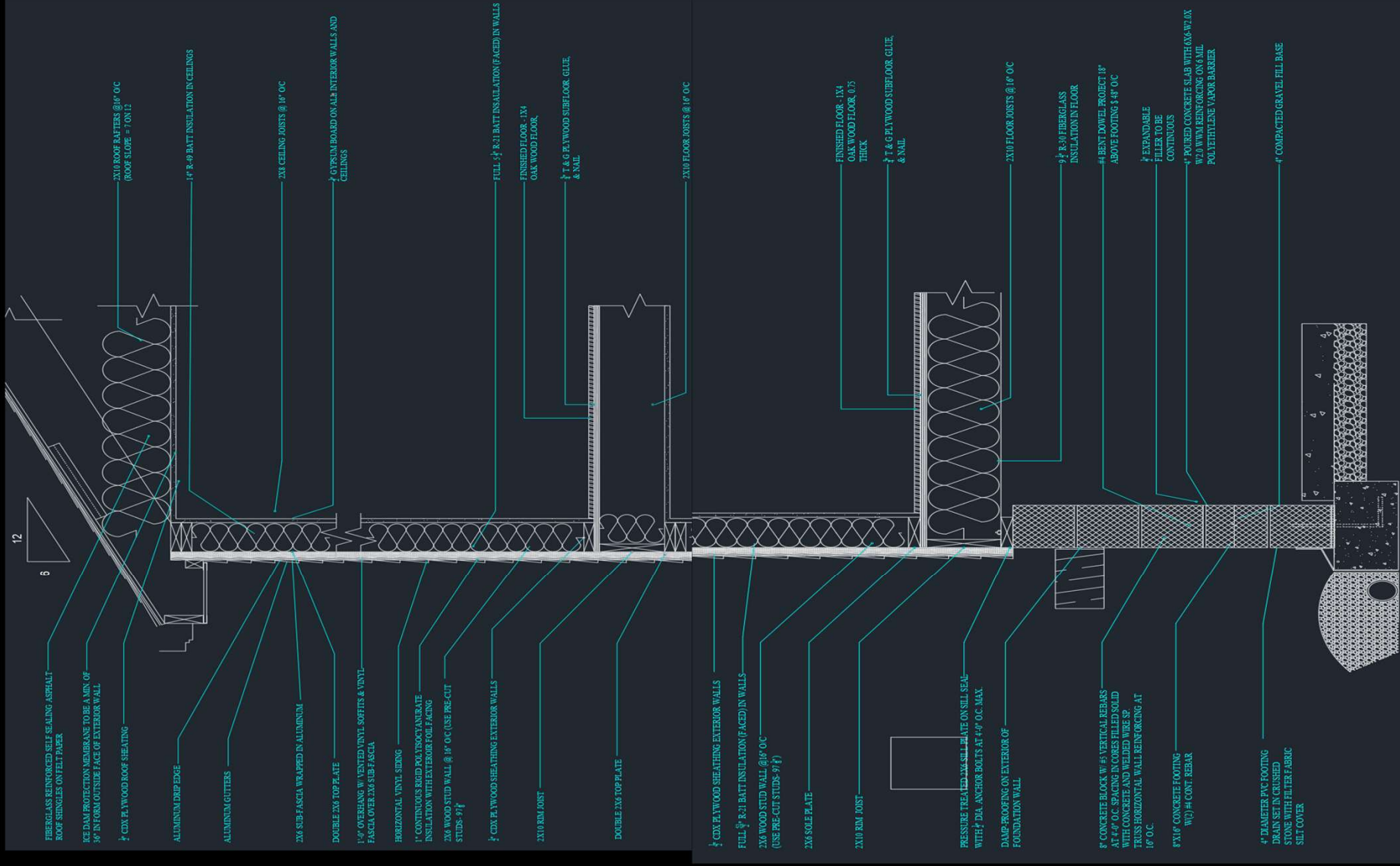
Spring 2024
WORKING DRAWINGS 2

Rev	Description	Date
1	Client: Mr. Cool Guy	
2	Project: WDII Set	
3	Interior Elevations & Details	
4	Author: [Name]	5/12/24
5	Checker: [Name]	5/12/24
6	Project No.	
7	Sheet No.	
8	Scale	
9	Notes	
10	Notes	
11	Notes	
12	Notes	
13	Notes	
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100	Notes	

A500

Building Materials, I & II

- First House Section
- Wall, Doors & Window Details
- Brick Wall Section
- Stair Details
- Light Weight Steel Framing
- Final Project (House Addition)



First House Section

12
5

THE MANUFACTURED WOOD ROOF
SHOULD BE
2x14 SPACED AT 16" ON CENTER
OR 15" PERMANENTLY SET PLACED
SPACING OR CONSTRUCTION PANEL EQUAL
INSULATION BATT

PROVIDE A WATER SHIELD AS 3/8" OF 30" IN
FROM EXTERIOR WALL

ALUMINUM STUD

ALUMINUM STUD

SHIMMER ALUMINUM
OUTTER E BRACKS

ALUMINUM PASCIA
OVER THE PASCIA

PERFORATED TUBULAR SUPPORT

2x14 OF
FROM THE STUD

1" OF 30" IN
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1" OF 30" IN
FROM THE STUD

Brick Wall Section

4" THICK POLYMER CONCRETE
BLOCKS @ 16" ON CENTER

1" THICK POLYMER CONCRETE
BLOCKS @ 16" ON CENTER
WITH 1" POLYMER CONCRETE
BLOCKS @ 16" ON CENTER

24" WIDE 1/2" THICK POLYMER
CONCRETE BLOCKS @ 16" ON CENTER
REINFORCING BARS (CONT)

2x14 OF 30" IN
FROM THE STUD

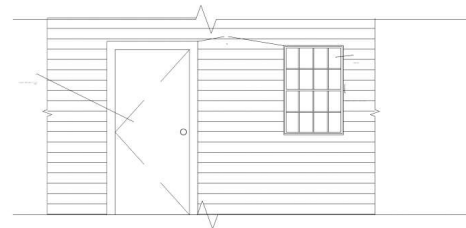
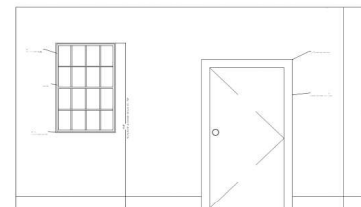
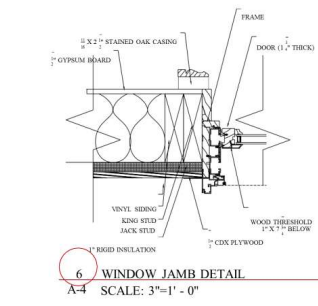
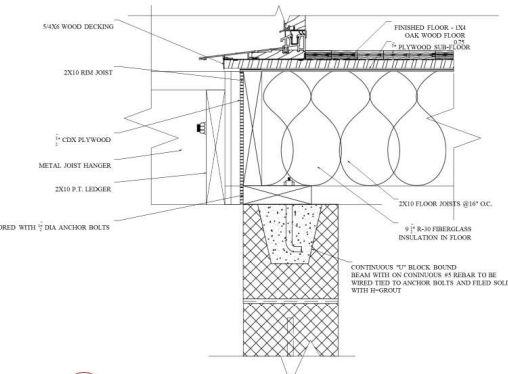
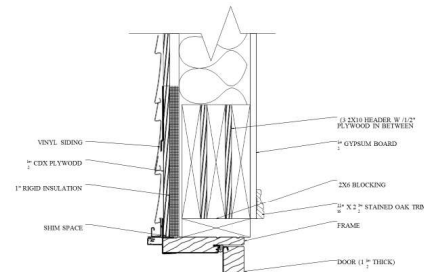
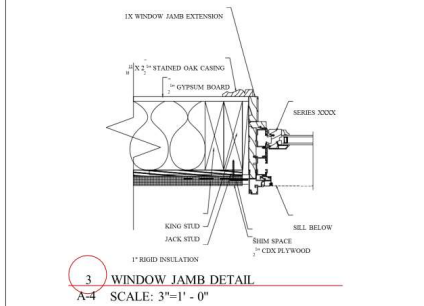
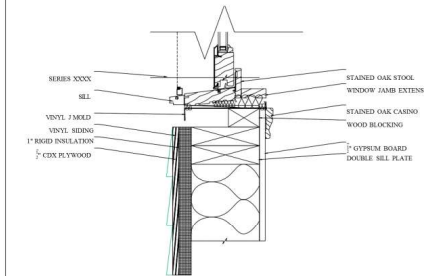
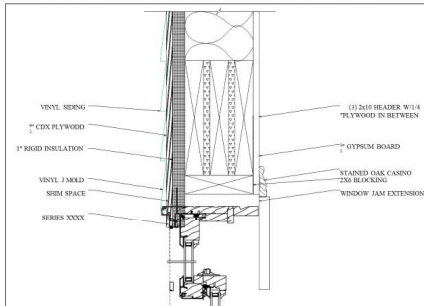
1" OF 30" IN
FROM THE STUD

4" THICK CONCRETE AS WAS 1/2" ON
WITH 1" POLYMER CONCRETE
BLOCKS @ 16" ON CENTER

CONCRETE BLOCKS @ 16" ON CENTER

4" THICK POLYMER CONCRETE
BLOCKS @ 16" ON CENTER

2" THICK 1/2" POLYMER CONCRETE
BLOCKS @ 16" ON CENTER



PROGRESS SET-
NOT FOR CONSTRUCTION

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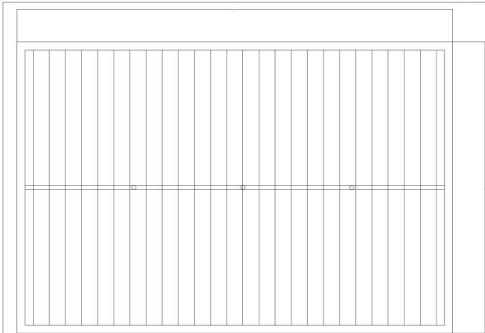
WINDOW AND DOOR DETAILS ELEVATIONS

REVISIONS		
NO.	DESCRIPTION	DATE

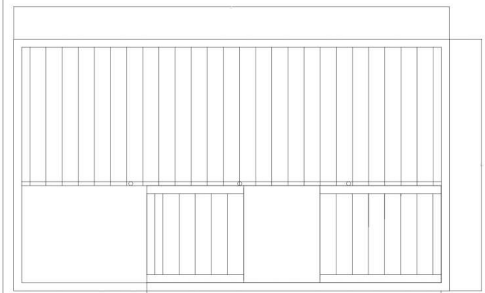
ISSUE DATE: 3/25/2021
DESIGN BY: RYAN STACK
DRAWN BY: RYAN STACK
CHECKED BY: PROFESSOR AW
REVIEWED BY: PROFESSOR AW

A-4

PROJECT # 23-400 PHASE# 03-01



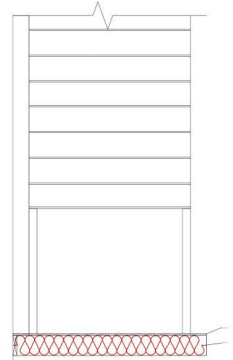
WOOD STAIRS
SCALE: 1/4" = 1'-0"



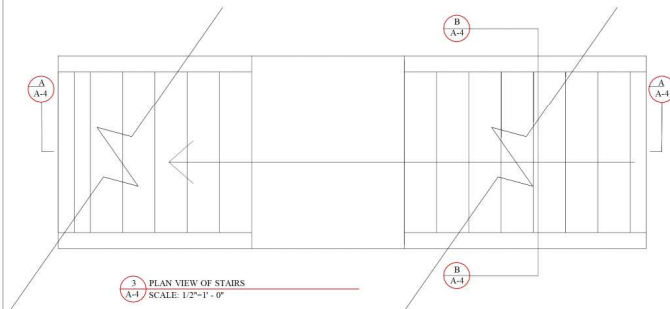
WOOD STAIRS
SCALE: 1/4" = 1'-0"



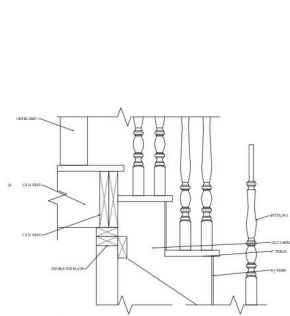
WOOD STAIRS
SCALE: 1/4" = 1'-0"



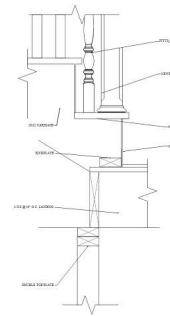
CROSS SECTION A
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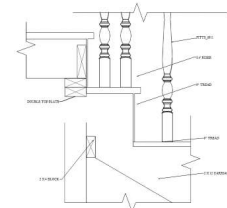
PLAN VIEW OF STAIRS
SCALE: 1/2" = 1'-0"



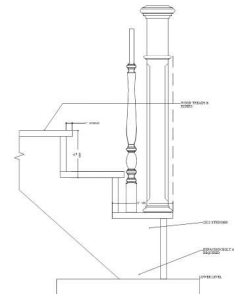
DETAIL @ TOP OF STAIRS
SCALE: 1/2" = 1'-0"



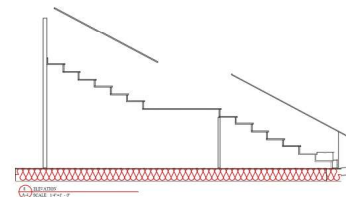
DETAIL @ BOTTOM OF LANDING
SCALE: 1/2" = 1'-0"



DETAIL @ TOP OF LANDING
SCALE: 1/2" = 1'-0"



DETAIL @ BOTTOM OF STAIRS
SCALE: 1/2" = 1'-0"



WOOD STAIRS
SCALE: 1/4" = 1'-0"

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WOOD STAIRS DETAILS & ELEVATIONS

REVISIONS		
NO.	DESCRIPTION	DATE

ISSUE DATE: 4/2/2023
DESIGN BY: RYAN STACK
DRAWN BY: RYAN STACK
CHECKED BY: PROFESSOR AW
REVIEWED BY: PROFESSOR AW

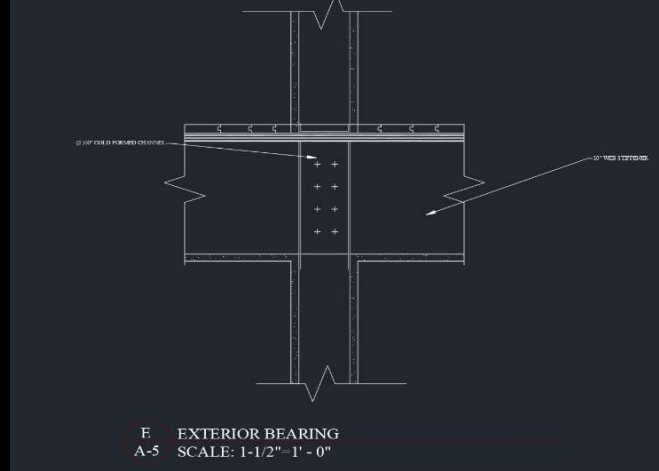
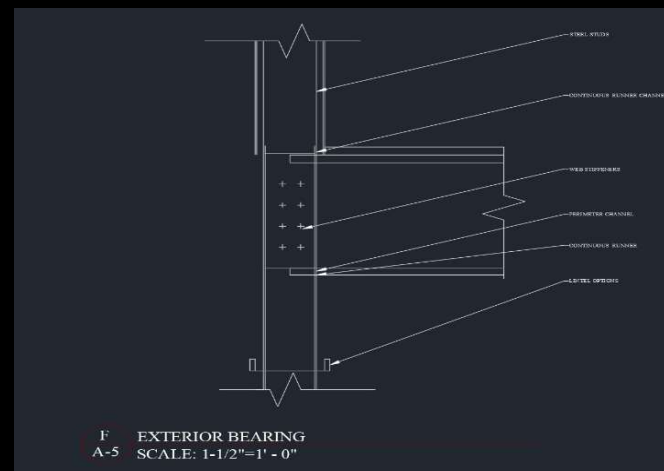
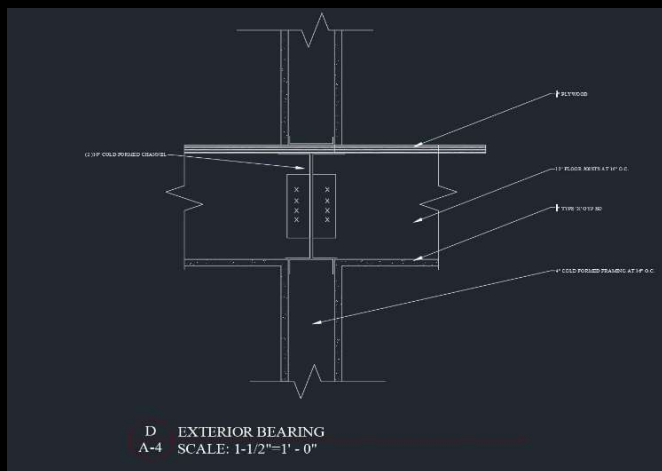
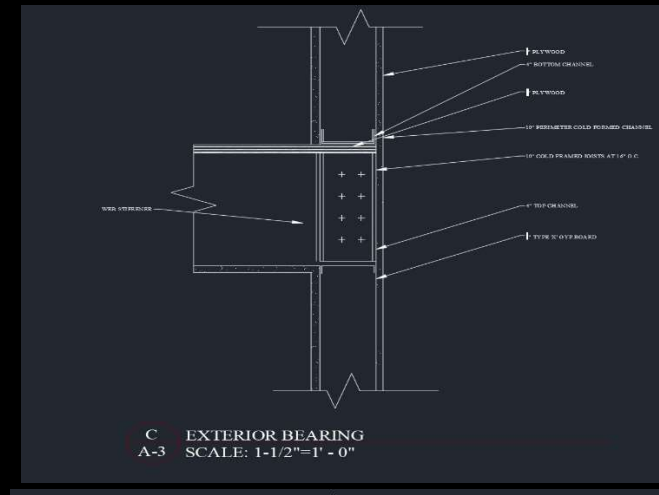
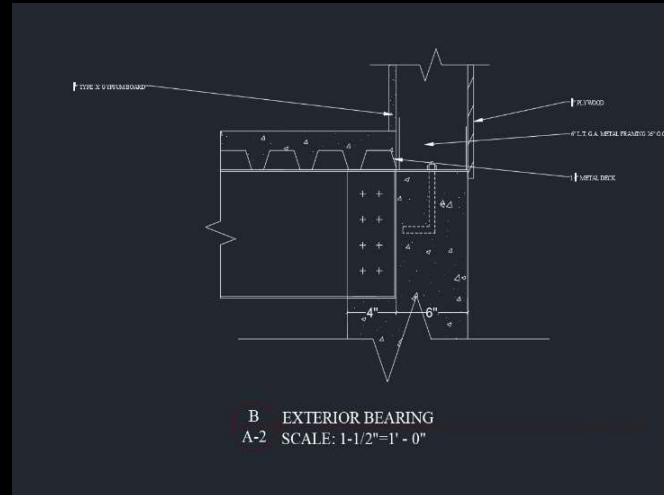
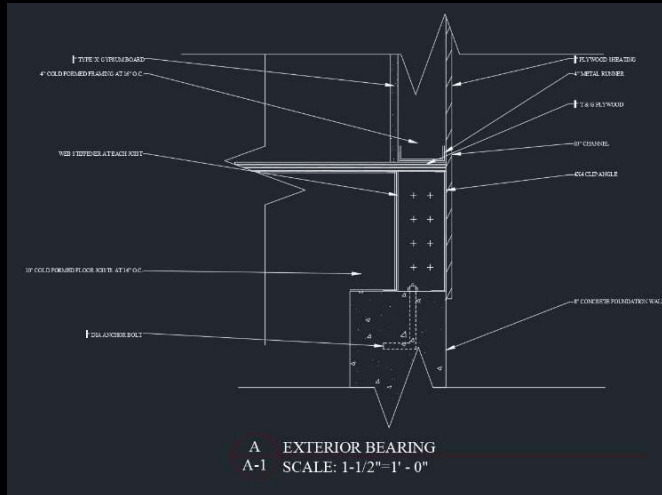
SHEET NO.

A-4

PROJECT # 21-000

PHASE# 01-01

Light Weight Steel Framing



Final Project House Addition



